

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042619\
 Data File : VX009178.D
 Acq On : 26 Apr 2019 10:23
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 27 03:58:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:47:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	206761	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	323265	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	292587	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	145030	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	125881	43.20	ug/l	0.00
Spiked Amount			Recovery	=	86.40%	
35) Dibromofluoromethane	5.49	113	93314	44.98	ug/l	0.00
Spiked Amount			Recovery	=	89.96%	
50) Toluene-d8	8.71	98	371036	44.84	ug/l	0.00
Spiked Amount			Recovery	=	89.68%	
62) 4-Bromofluorobenzene	11.13	95	137897	47.21	ug/l	0.00
Spiked Amount			Recovery	=	94.42%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	117435	49.312	ug/l	100
3) Chloromethane	1.32	50	140886	48.187	ug/l	100
4) Vinyl Chloride	1.41	62	136809	48.077	ug/l	100
5) Bromomethane	1.64	94	82574	46.621	ug/l	98
6) Chloroethane	1.72	64	81340	48.609	ug/l	96
7) Trichlorofluoromethane	1.93	101	160827	48.407	ug/l	98
8) Diethyl Ether	2.19	74	72685	47.837	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	98118	46.189	ug/l	98
10) Methyl Iodide	2.51	142	109165	47.266	ug/l	99
11) Tert butyl alcohol	3.04	59	157070	242.843	ug/l	100
12) 1,1-Dichloroethene	2.37	96	98497	44.423	ug/l	96
13) Acrolein	2.29	56	135364	242.216	ug/l	99
14) Allyl chloride	2.73	41	240441	49.704	ug/l	99
15) Acrylonitrile	3.14	53	395713	241.012	ug/l	100
16) Acetone	2.44	43	391049	258.792	ug/l	98
17) Carbon Disulfide	2.57	76	291532	44.875	ug/l	99
18) Methyl Acetate	2.77	43	181637	48.164	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	384165	48.626	ug/l	98
20) Methylene Chloride	2.85	84	119143	46.106	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	108161	45.734	ug/l	96
22) Diisopropyl ether	3.85	45	462013	49.151	ug/l	94
23) Vinyl Acetate	3.81	43	2085847	252.435	ug/l	99
24) 1,1-Dichloroethane	3.70	63	225937	47.882	ug/l	99
25) 2-Butanone	4.67	43	608246	251.828	ug/l	99
26) 2,2-Dichloropropane	4.58	77	173184	48.963	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	126780	47.216	ug/l	98
28) Bromochloromethane	5.01	49	90536	46.041	ug/l	99
29) Tetrahydrofuran	5.12	42	385738	238.608	ug/l	98
30) Chloroform	5.21	83	206033	48.795	ug/l	100
31) Cyclohexane	5.57	56	222338	47.907	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	169063	48.309	ug/l	99
36) 1,1-Dichloropropene	5.80	75	160450	47.992	ug/l	100
37) Ethyl Acetate	4.83	43	220161	51.176	ug/l	99
38) Carbon Tetrachloride	5.78	117	143376	50.586	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	204547	50.250	ug/l	97
40) Benzene	6.14	78	486690	49.346	ug/l	100
41) Methacrylonitrile	5.04	41	126742	51.332	ug/l	100
42) 1,2-Dichloroethane	6.19	62	172627	49.410	ug/l	99
43) Isopropyl Acetate	6.44	43	349809	50.458	ug/l	100
44) Trichloroethene	7.21	130	115006	47.590	ug/l	99
45) 1,2-Dichloropropane	7.51	63	137802	50.362	ug/l	99
46) Dibromomethane	7.66	93	78531	49.316	ug/l	99
47) Bromodichloromethane	7.90	83	160542	51.402	ug/l	99
48) Methyl methacrylate	7.77	41	177038	51.682	ug/l	98
49) 1,4-Dioxane	7.74	88	64805	1010.760	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1143653	258.941	ug/l	99
52) Toluene	8.78	92	295543	49.999	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	188500	52.442	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	206247	51.244	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	118153	50.435	ug/l	99
56) Ethyl methacrylate	9.18	69	217425	51.760	ug/l	98
57) 1,3-Dichloropropane	9.37	76	210278	50.412	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	601740	266.014	ug/l	100
59) 2-Hexanone	9.49	43	898080	263.742	ug/l	100
60) Dibromochloromethane	9.58	129	119251	53.112	ug/l	99
61) 1,2-Dibromoethane	9.67	107	121472	50.239	ug/l	98
64) Tetrachloroethene	9.34	164	105349	47.396	ug/l	97
65) Chlorobenzene	10.13	112	303849	49.200	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	110532	50.805	ug/l	99
67) Ethyl Benzene	10.25	91	568863	50.389	ug/l	100
68) m/p-Xylenes	10.36	106	417436	101.742	ug/l	100
69) o-Xylene	10.69	106	202245	50.661	ug/l	99
70) Styrene	10.71	104	357969	51.744	ug/l	99
71) Bromoform	10.85	173	89537	51.657	ug/l #	98
73) Isopropylbenzene	11.02	105	549733	50.007	ug/l	100
74) N-amyl acetate	10.90	43	322039	51.020	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	194346	48.385	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	232973	65.787	ug/l	80
77) Bromobenzene	11.26	156	131407	47.377	ug/l	99
78) n-propylbenzene	11.36	91	643613	51.009	ug/l	100
79) 2-Chlorotoluene	11.42	91	377005	49.584	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	465048	50.412	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	68392	49.580	ug/l	98
82) 4-Chlorotoluene	11.51	91	438829	49.695	ug/l	100
83) tert-Butylbenzene	11.77	119	442645	49.978	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	468503	49.892	ug/l	100
85) sec-Butylbenzene	11.94	105	539875	51.109	ug/l	99
86) p-Isopropyltoluene	12.06	119	495429	51.014	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	240939	49.632	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	240652	48.903	ug/l	100
89) n-Butylbenzene	12.38	91	467582	51.698	ug/l	99
90) Hexachloroethane	12.60	117	83180	51.924	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	241698	50.420	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	46909	51.293	ug/l	99

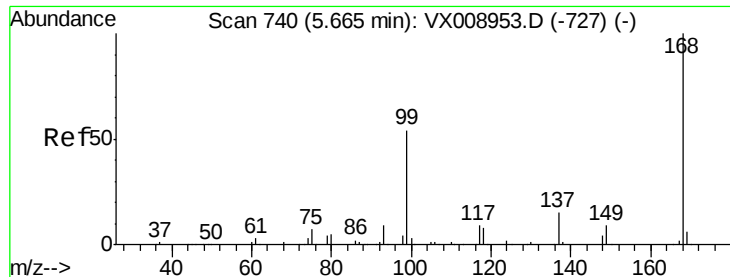
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	181751	52.523	ug/l	99
94) Hexachlorobutadiene	13.78	225	88974	51.553	ug/l	99
95) Naphthalene	13.83	128	577298	52.072	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	180428	52.845	ug/l	98

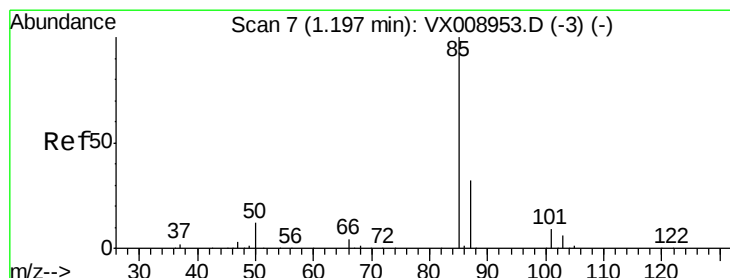
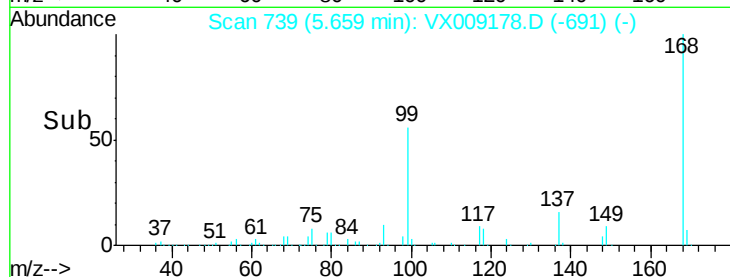
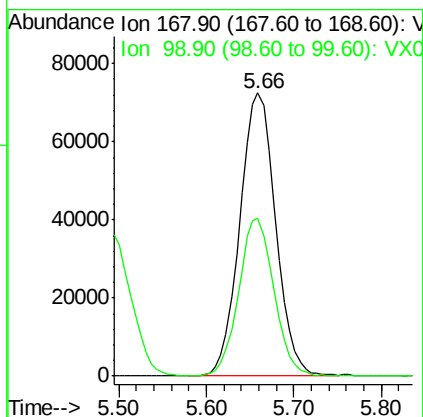
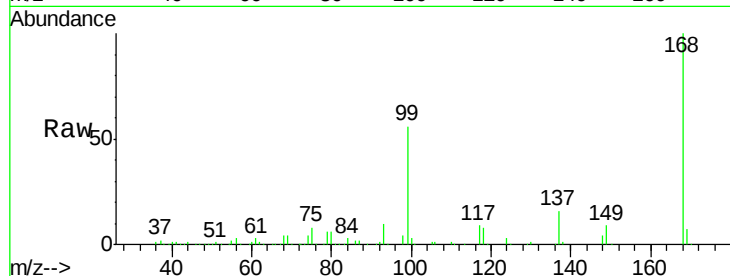
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.01 min
Lab File: VX009178.D
Acq: 26 Apr 2019 10:23

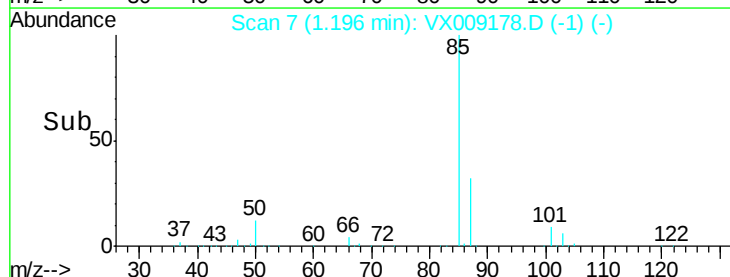
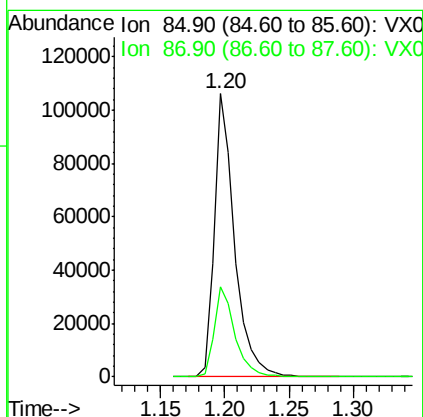
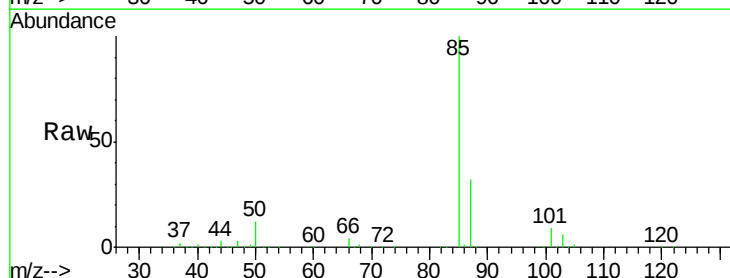
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

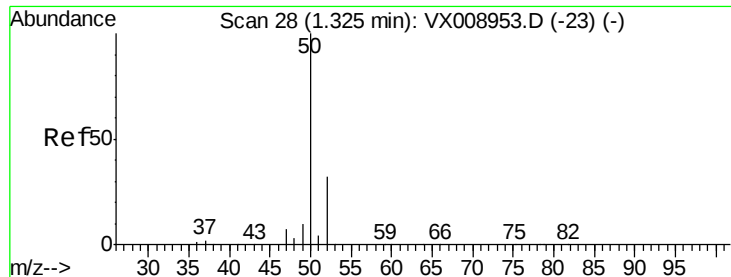
Tot Ion:168 Resp: 206761
Ion Ratio Lower Upper
168 100
99 55.9 43.0 64.6



#2
Dichlorodifluoromethane
Concen: 49.312 ug/l
RT: 1.20 min Scan# 7
Delta R.T. -0.00 min
Lab File: VX009178.D
Acq: 26 Apr 2019 10:23

Tgt Ion: 85 Resp: 117435
Ion Ratio Lower Upper
85 100
87 31.7 16.0 47.9





#3

Chloromethane

Concen: 48.187 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX009178.D

Acq: 26 Apr 2019 10:23

Instrument :

MSVOA_X

ClientSampleId :

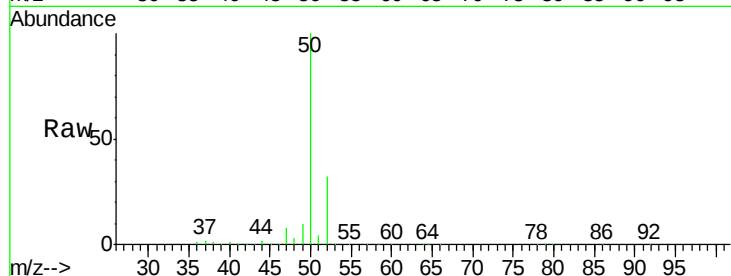
VSTDCCC050

Tot Ion: 50 Resp: 140886

Ion Ratio Lower Upper

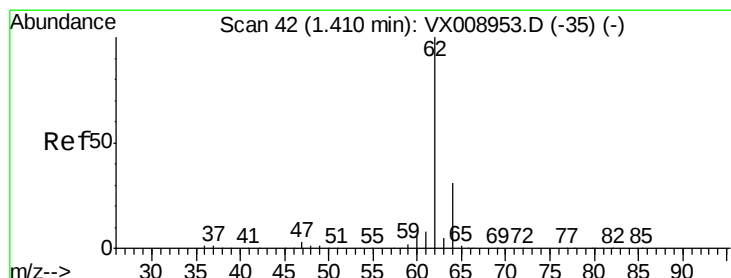
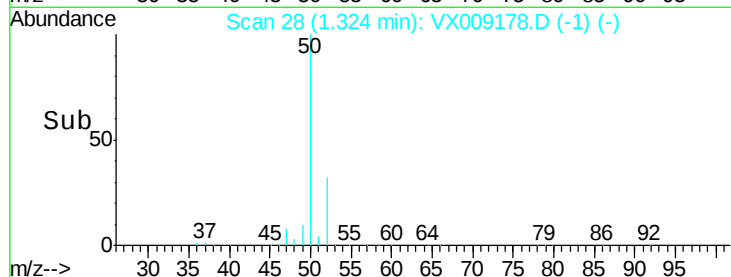
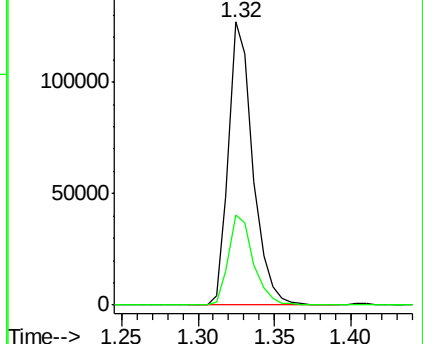
50 100

52 31.8 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 48.077 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX009178.D

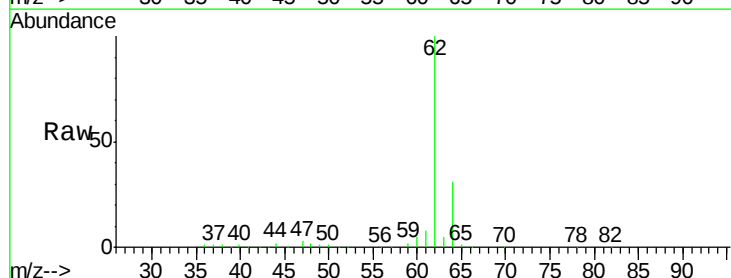
Acq: 26 Apr 2019 10:23

Tgt Ion: 62 Resp: 136809

Ion Ratio Lower Upper

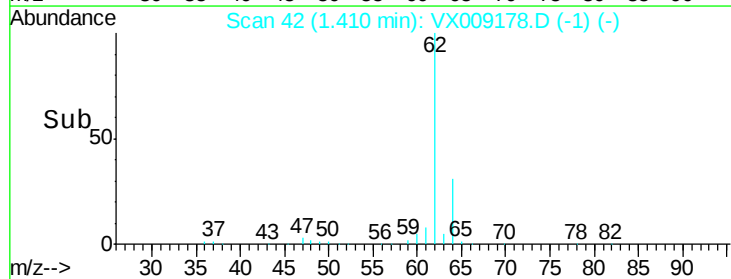
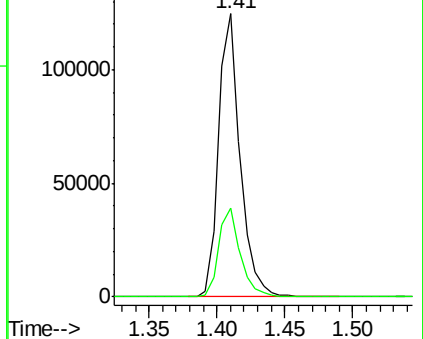
62 100

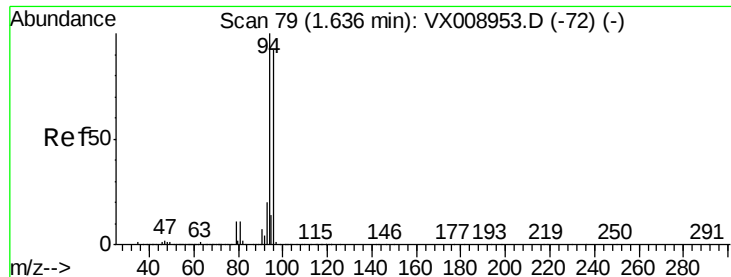
64 31.2 25.0 37.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 46.621 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX009178.D

Acq: 26 Apr 2019 10:23

Instrument :

MSVOA_X

ClientSampleId :

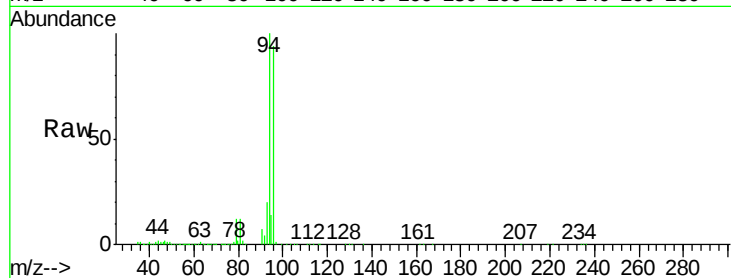
VSTDCCC050

Tot Ion: 94 Resp: 82574

Ion Ratio Lower Upper

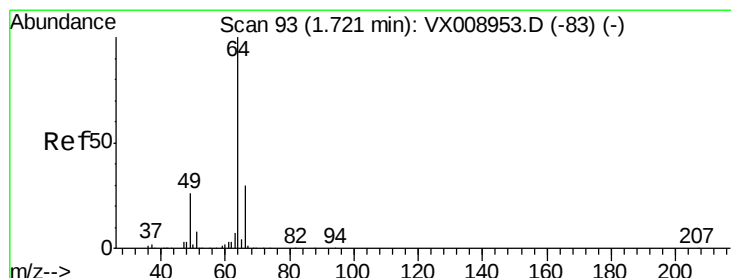
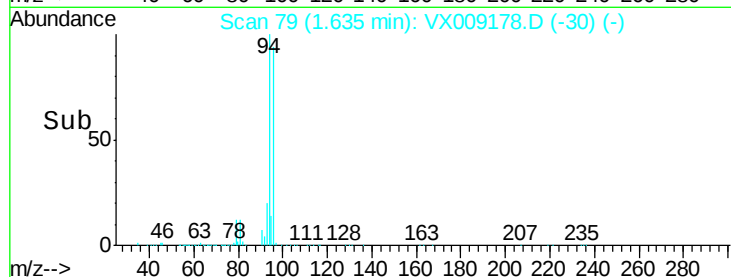
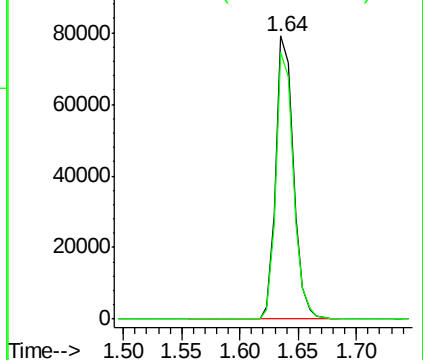
94 100

96 94.0 73.9 110.9



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 48.609 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX009178.D

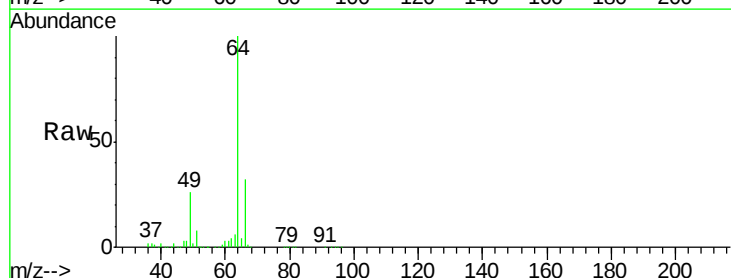
Acq: 26 Apr 2019 10:23

Tgt Ion: 64 Resp: 81340

Ion Ratio Lower Upper

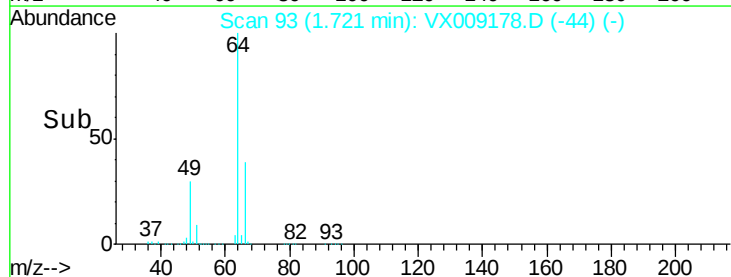
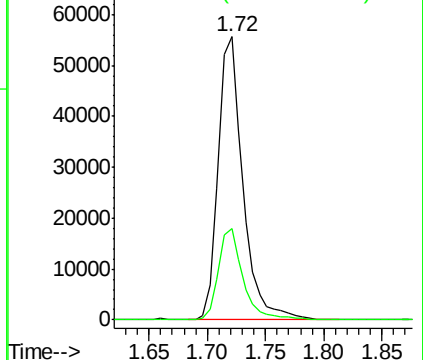
64 100

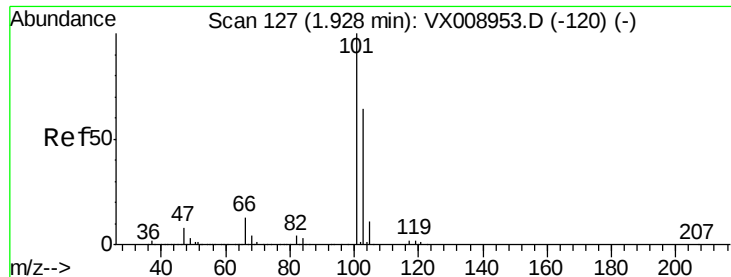
66 32.5 24.2 36.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



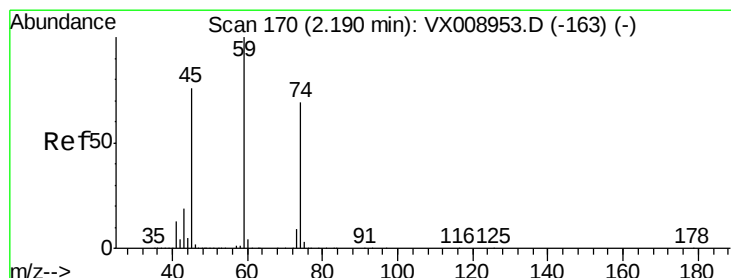
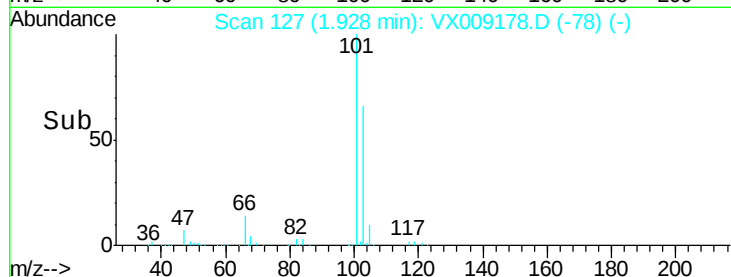
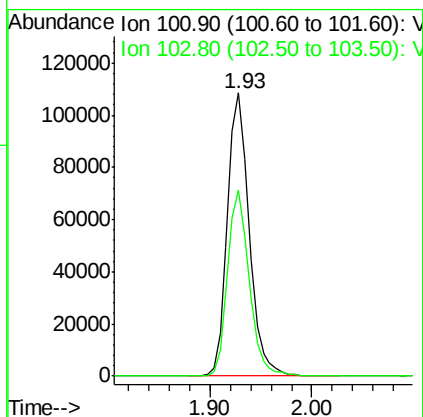
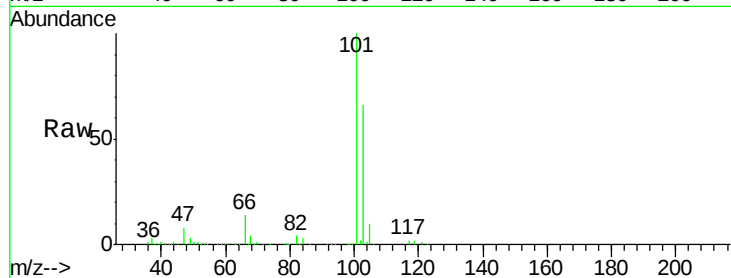


#7

Trichlorofluoromethane
Concen: 48.407 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX009178.D
Acq: 26 Apr 2019 10:23

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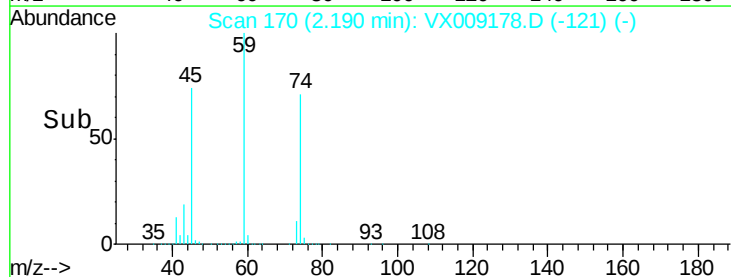
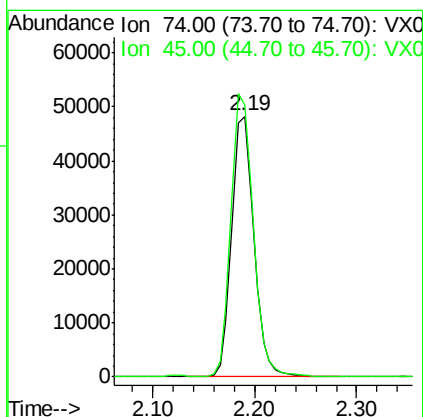
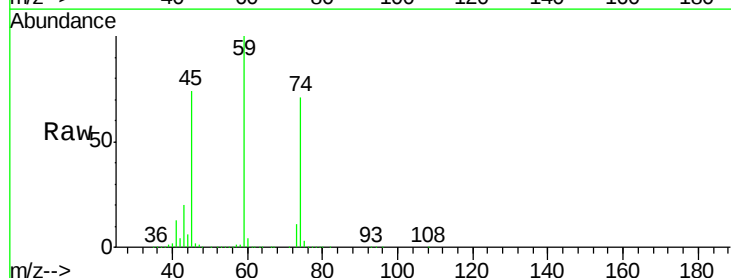
Tot Ion:101 Resp: 160827
Ion Ratio Lower Upper
101 100
103 65.6 51.0 76.6

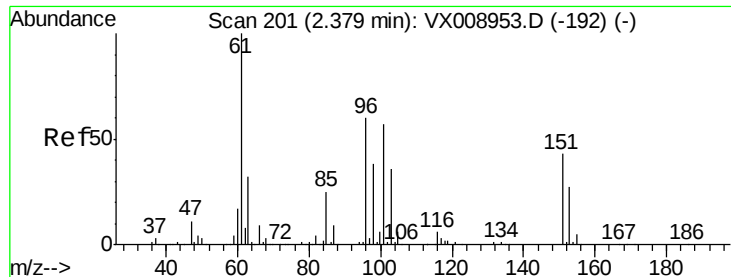


#8

Diethyl Ether
Concen: 47.837 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX009178.D
Acq: 26 Apr 2019 10:23

Tgt Ion: 74 Resp: 72685
Ion Ratio Lower Upper
74 100
45 108.4 54.9 164.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.189 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX009178.D

Acq: 26 Apr 2019 10:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

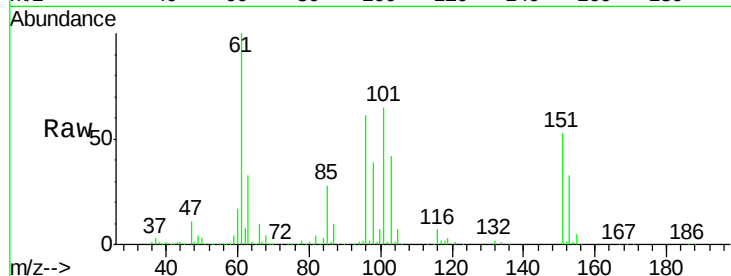
Tot Ion:101 Resp: 98118

Ion Ratio Lower Upper

101 100

85 44.4 35.7 53.5

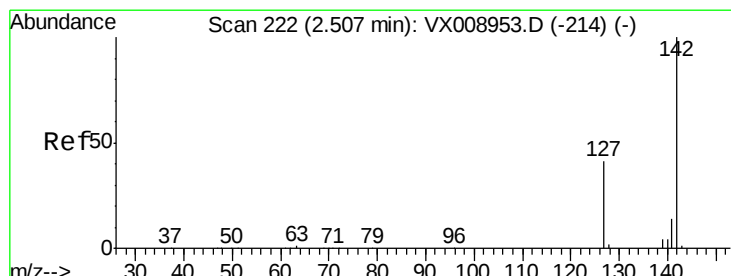
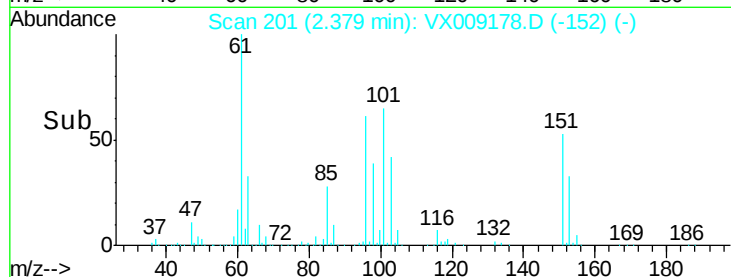
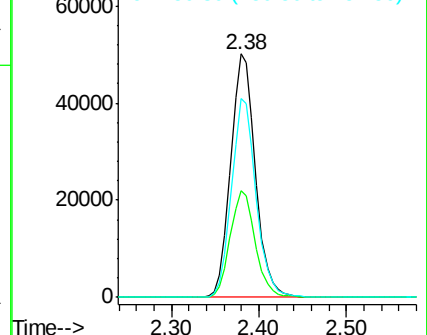
151 81.3 62.7 94.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 47.266 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX009178.D

Acq: 26 Apr 2019 10:23

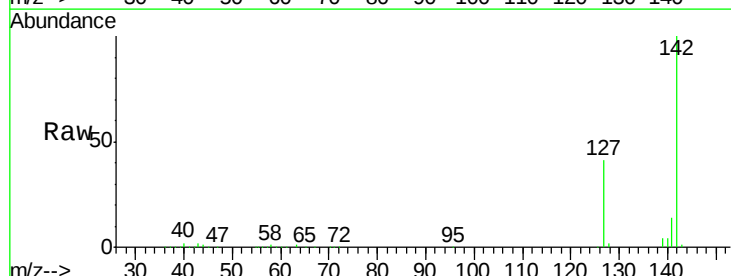
Tgt Ion:142 Resp: 109165

Ion Ratio Lower Upper

142 100

127 41.8 32.8 49.2

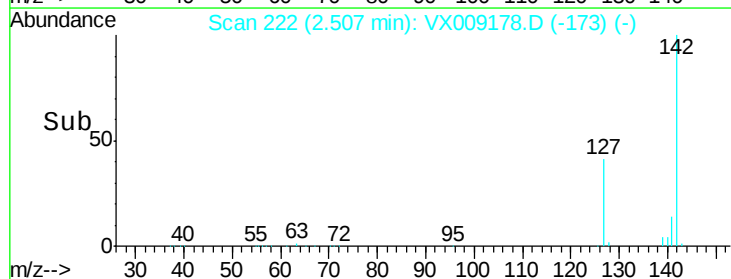
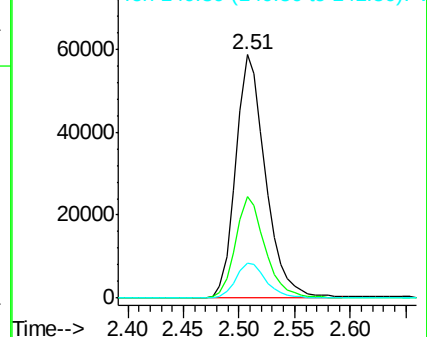
141 14.6 11.4 17.2

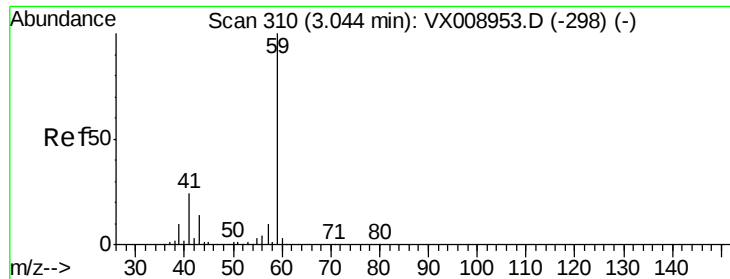


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

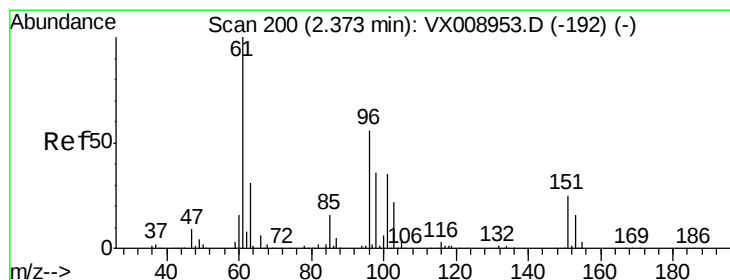
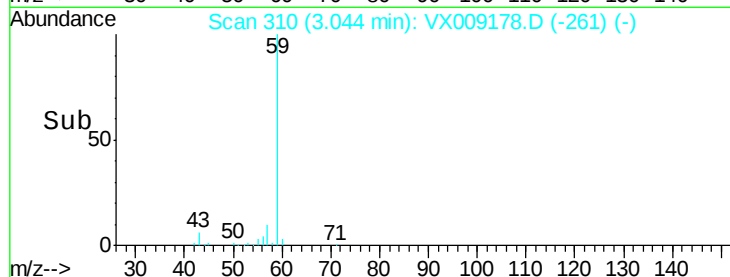
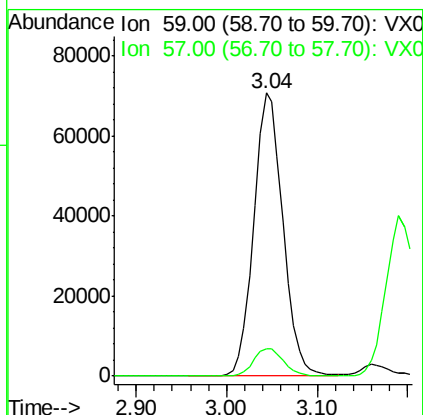
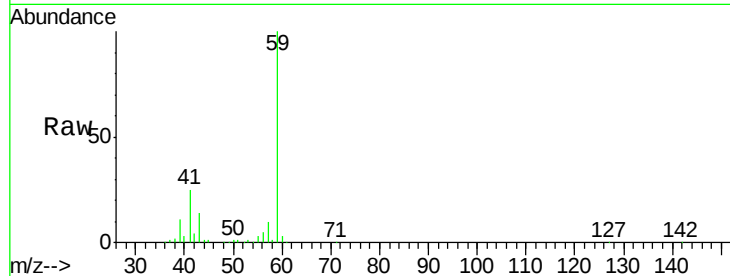




#11
Tert butyl alcohol
Concen: 242.843 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.00 min
Lab File: VX009178.D
Acq: 26 Apr 2019 10:23

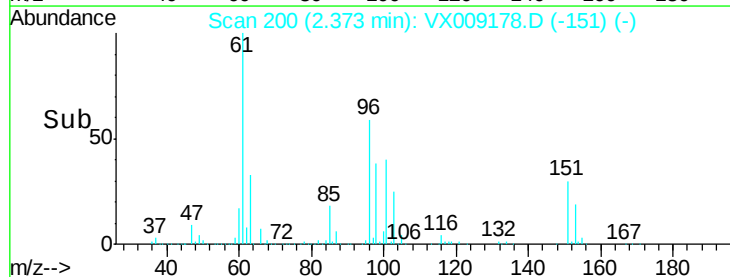
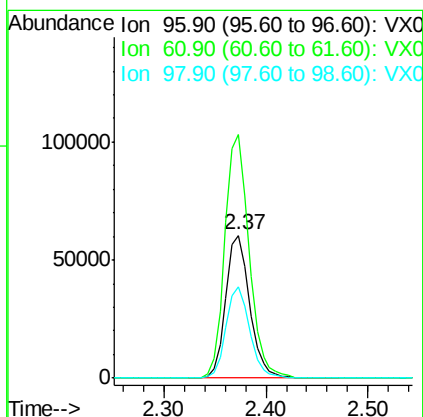
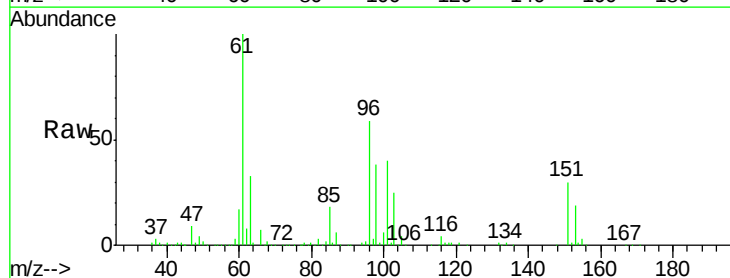
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

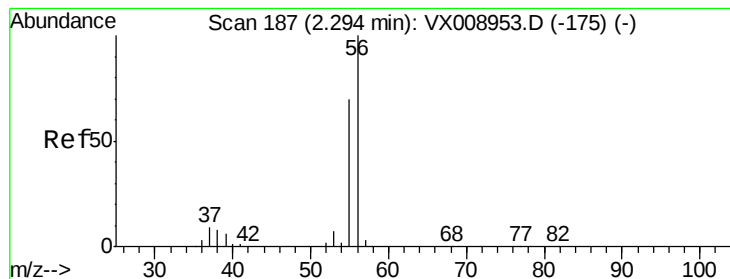
Tot Ion: 59 Resp: 157070
Ion Ratio Lower Upper
59 100
57 10.4 8.4 12.6



#12
1,1-Dichloroethene
Concen: 44.423 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX009178.D
Acq: 26 Apr 2019 10:23

Tgt Ion: 96 Resp: 98497
Ion Ratio Lower Upper
96 100
61 170.6 142.2 213.2
98 64.4 50.9 76.3





#13

Acrolein

Concen: 242.216 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX009178.D

Acq: 26 Apr 2019 10:23

Instrument :

MSVOA_X

ClientSampleId :

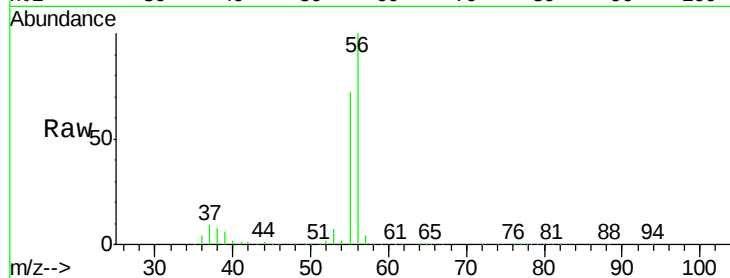
VSTDCCC050

Tot Ion: 56 Resp: 135364

Ion Ratio Lower Upper

56 100

55 71.3 56.6 84.8



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

80000

60000

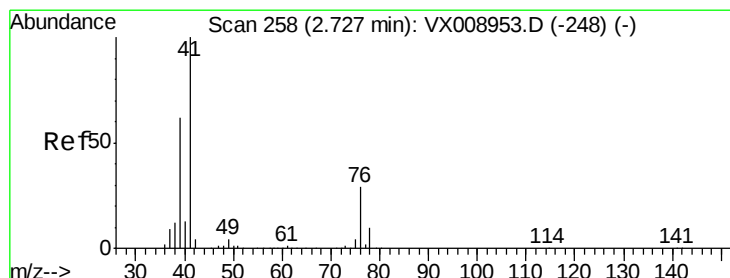
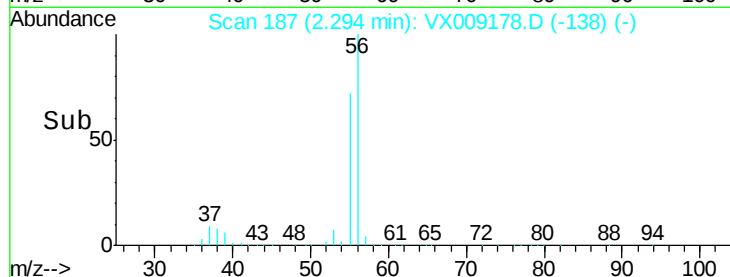
40000

20000

0

Time-->

2.20 2.30 2.40



#14

Allyl chloride

Concen: 49.704 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX009178.D

Acq: 26 Apr 2019 10:23

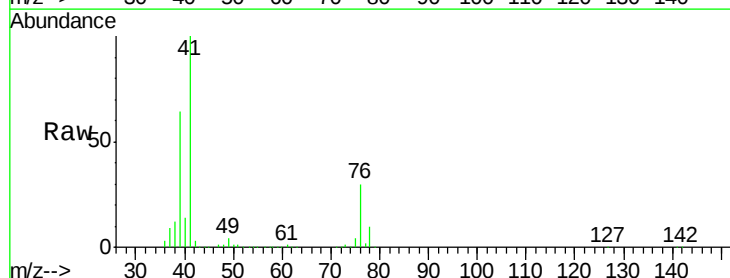
Tgt Ion: 41 Resp: 240441

Ion Ratio Lower Upper

41 100

39 58.9 46.7 70.1

76 27.1 22.0 33.0



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

2.73

150000

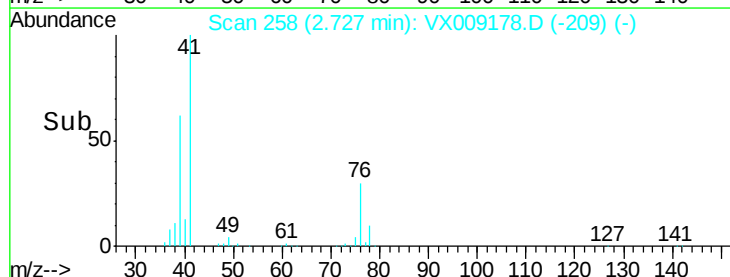
100000

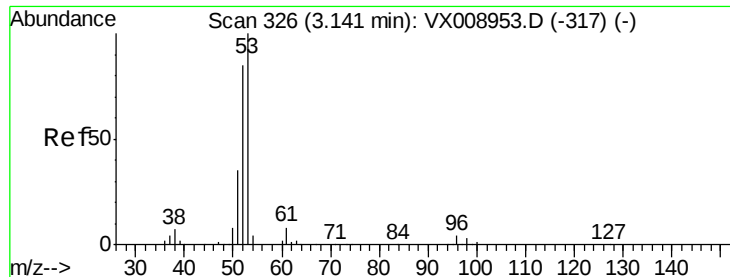
50000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 241.012 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX009178.D

Acq: 26 Apr 2019 10:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

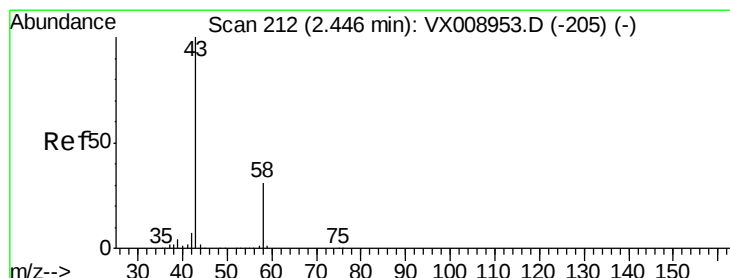
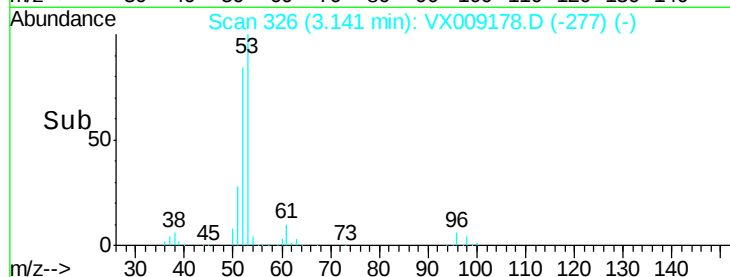
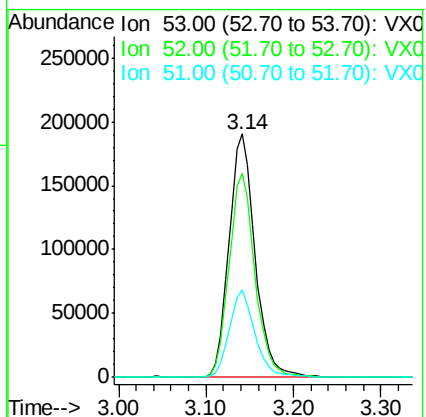
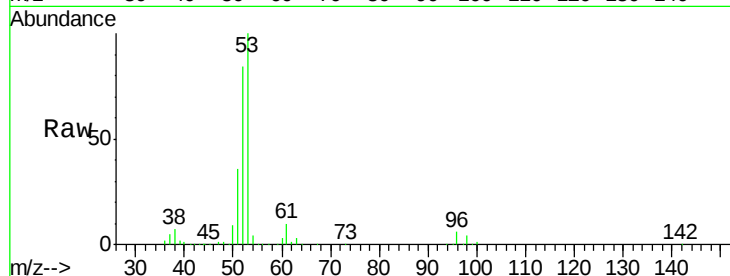
Tot Ion: 53 Resp: 395713

Ion Ratio Lower Upper

53 100

52 83.2 66.6 100.0

51 35.4 28.3 42.5



#16

Acetone

Concen: 258.792 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX009178.D

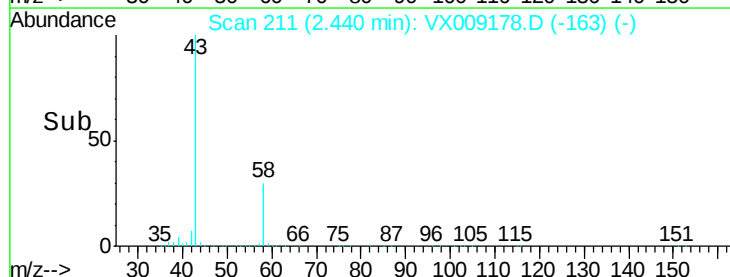
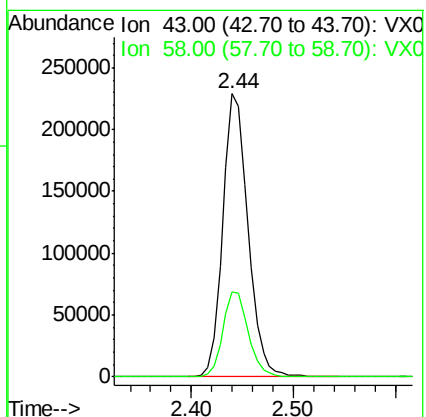
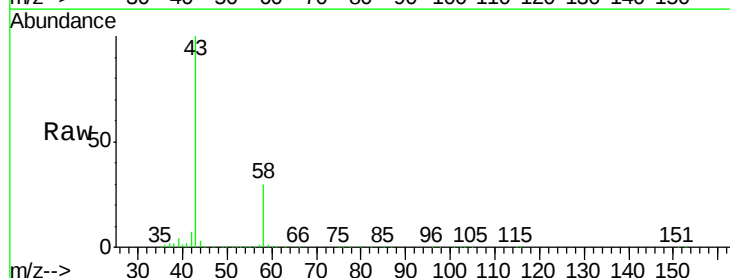
Acq: 26 Apr 2019 10:23

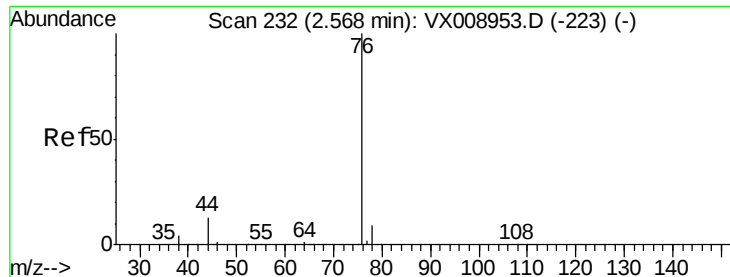
Tgt Ion: 43 Resp: 391049

Ion Ratio Lower Upper

43 100

58 30.0 24.8 37.2

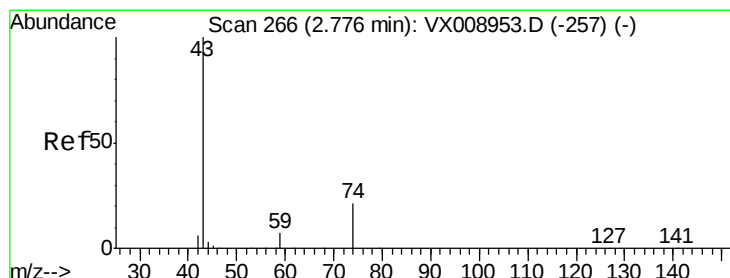
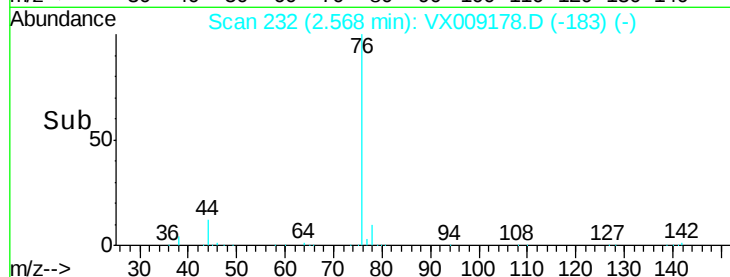
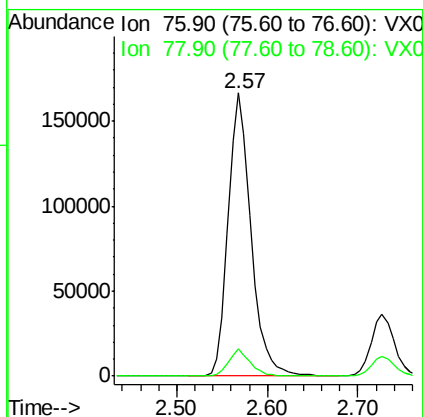
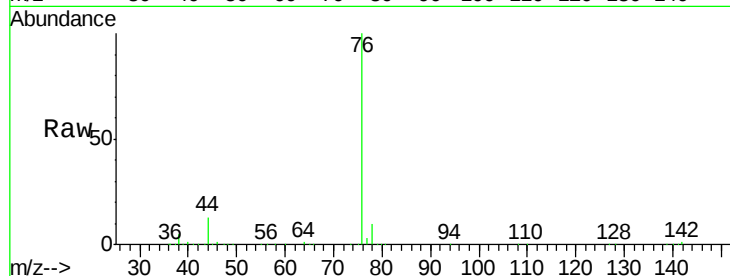




#17
Carbon Disulfide
Concen: 44.875 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX009178.D
Acq: 26 Apr 2019 10:23

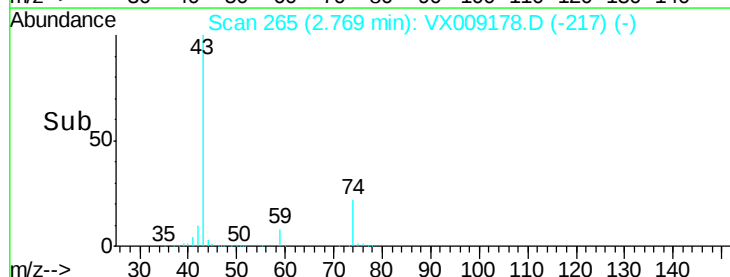
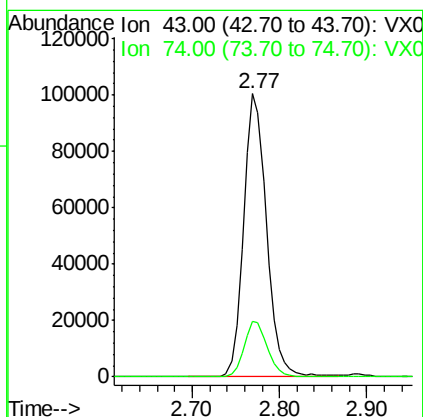
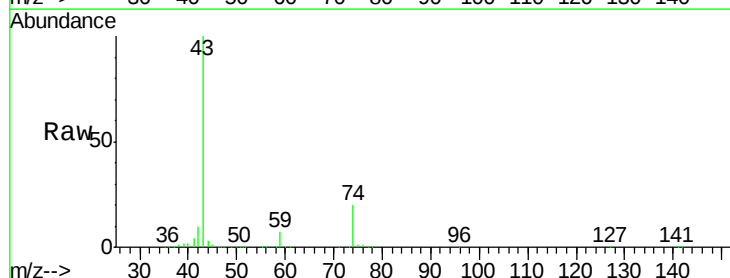
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

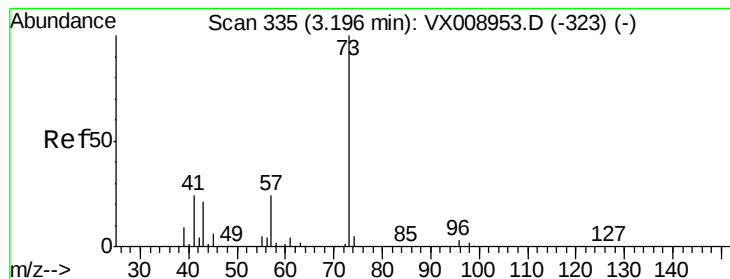
Tot Ion: 76 Resp: 291532
Ion Ratio Lower Upper
76 100
78 9.5 7.2 10.8



#18
Methyl Acetate
Concen: 48.164 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX009178.D
Acq: 26 Apr 2019 10:23

Tgt Ion: 43 Resp: 181637
Ion Ratio Lower Upper
43 100
74 20.4 16.6 25.0



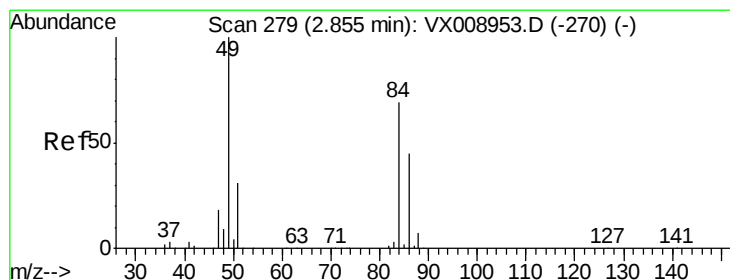
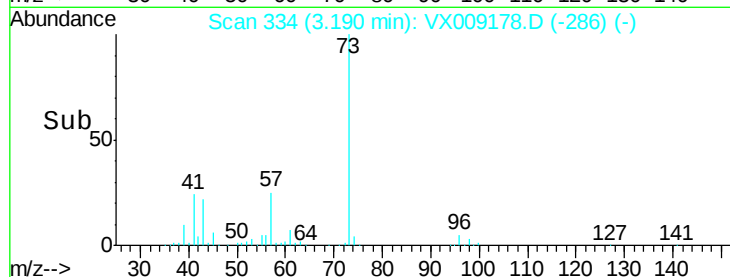
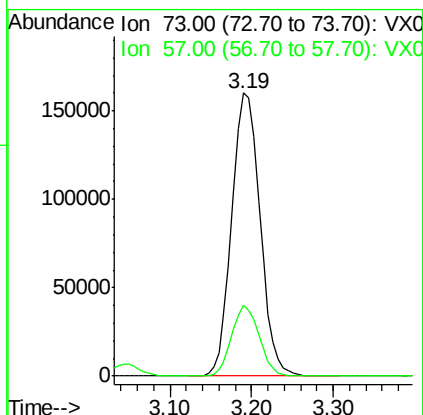
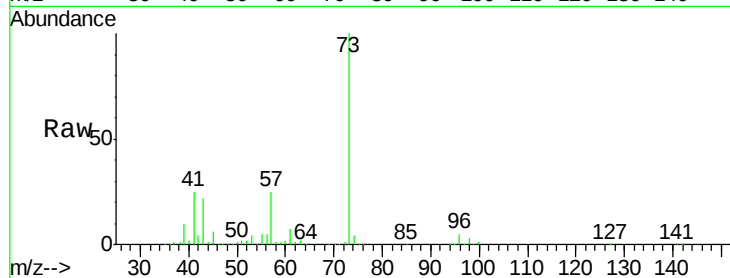


#19

Methyl tert-butyl Ether
 Concen: 48.626 ug/l
 RT: 3.19 min Scan# 334
 Delta R.T. -0.01 min
 Lab File: VX009178.D
 Acq: 26 Apr 2019 10:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

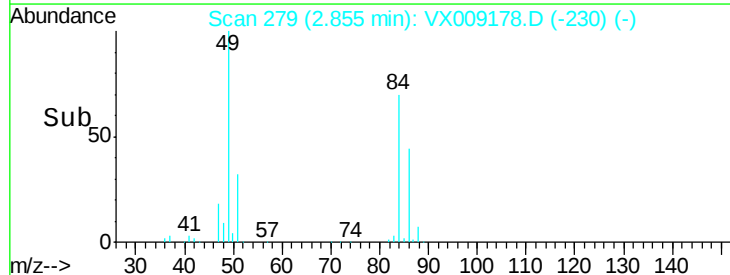
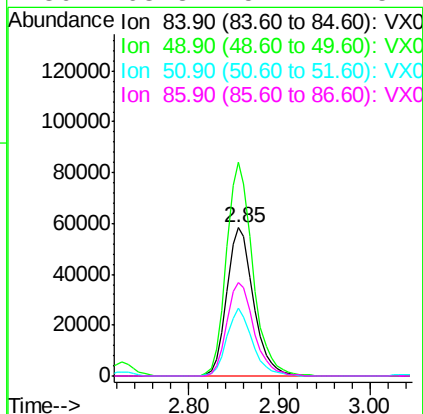
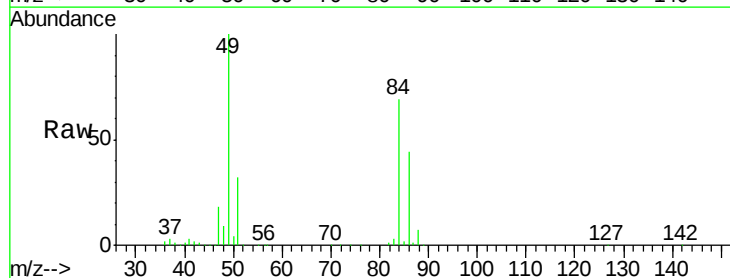
Tot Ion: 73 Resp: 384165
 Ion Ratio Lower Upper
 73 100
 57 25.0 19.2 28.8

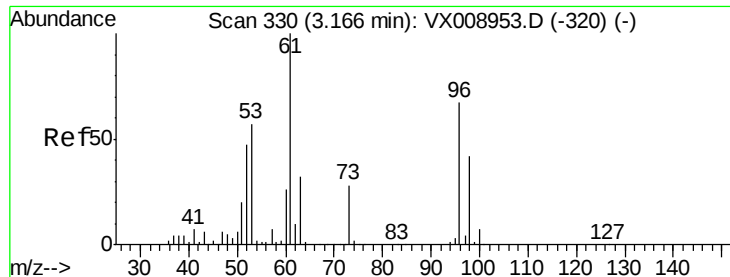


#20

Methylene Chloride
 Concen: 46.106 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX009178.D
 Acq: 26 Apr 2019 10:23

Tgt Ion: 84 Resp: 119143
 Ion Ratio Lower Upper
 84 100
 49 143.8 115.4 173.0
 51 45.5 35.8 53.6
 86 63.3 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 45.734 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX009178.D

Acq: 26 Apr 2019 10:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

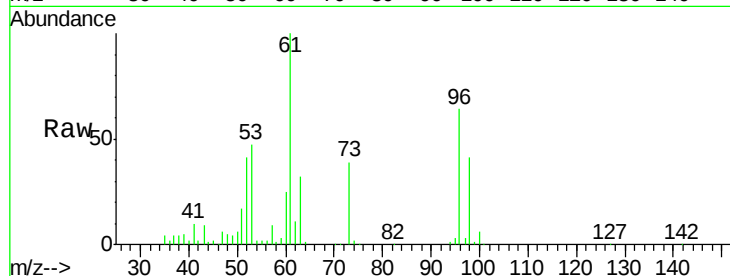
Tot Ion: 96 Resp: 108161

Ion Ratio Lower Upper

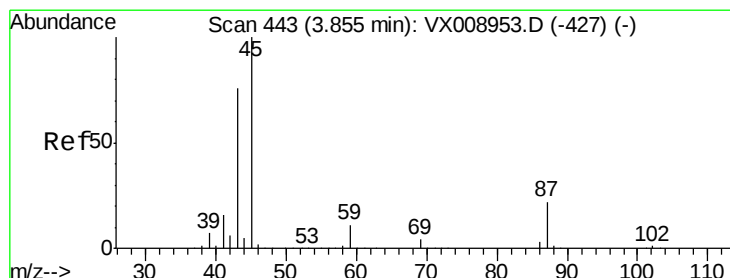
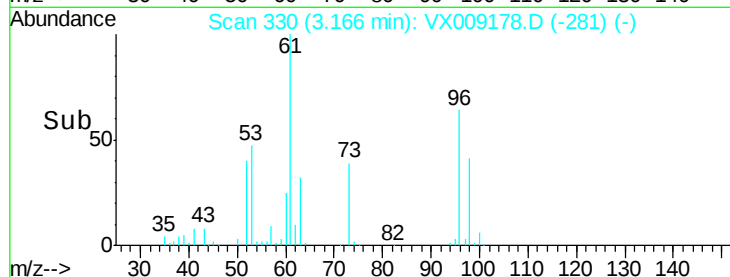
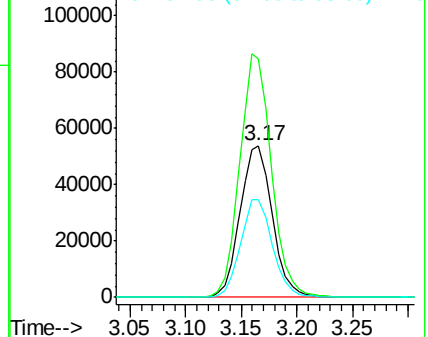
96 100

61 157.0 120.3 180.5

98 64.0 50.2 75.2



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 49.151 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX009178.D

Acq: 26 Apr 2019 10:23

Tgt Ion: 45 Resp: 462013

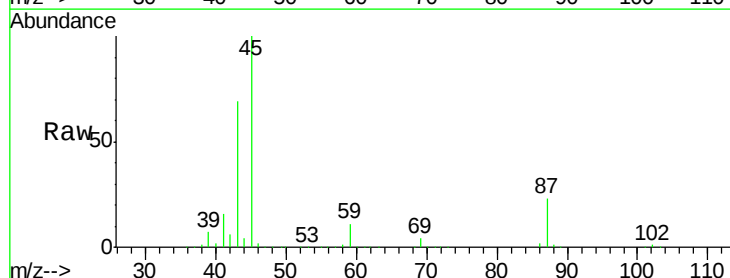
Ion Ratio Lower Upper

45 100

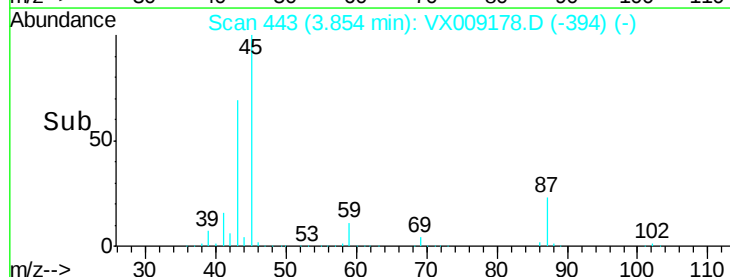
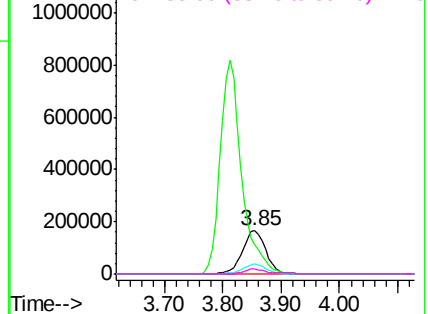
43 68.7 60.6 91.0

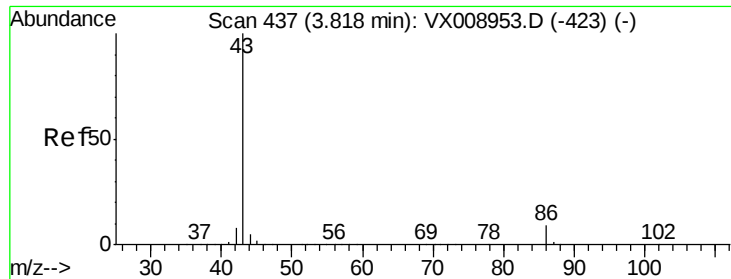
87 23.3 17.8 26.8

59 11.3 8.7 13.1



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0

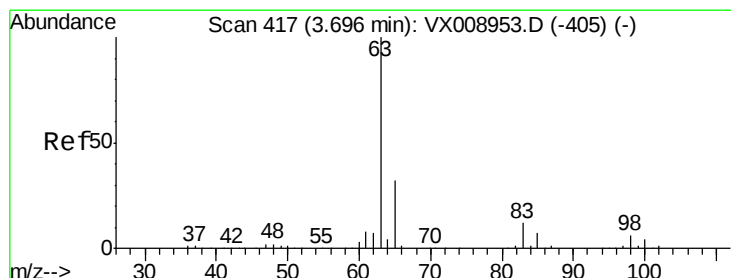
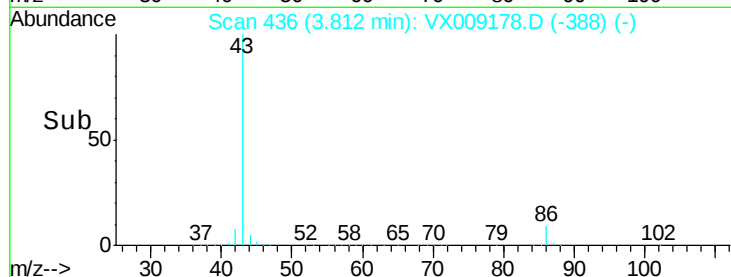
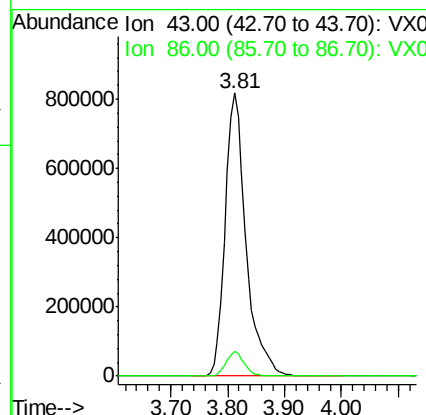
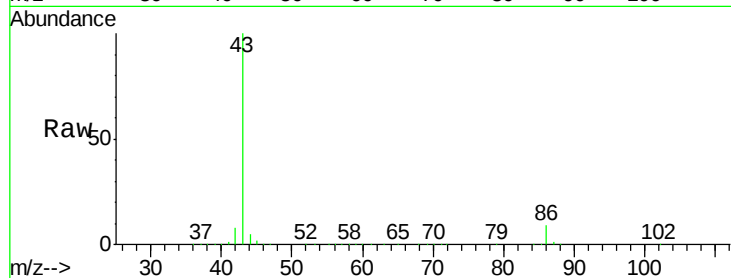




#23
 Vinyl Acetate
 Concen: 252.435 ug/l
 RT: 3.81 min Scan# 436
 Delta R.T. -0.01 min
 Lab File: VX009178.D
 Acq: 26 Apr 2019 10:23

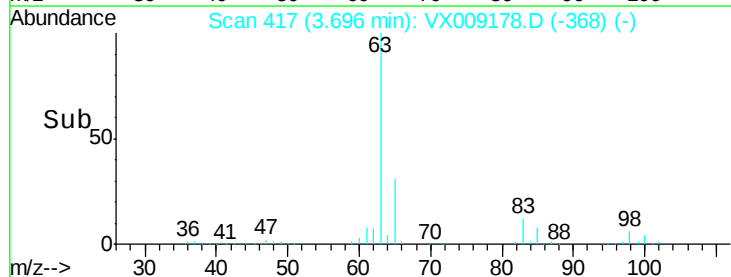
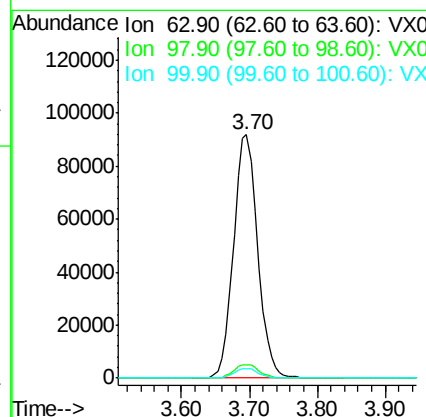
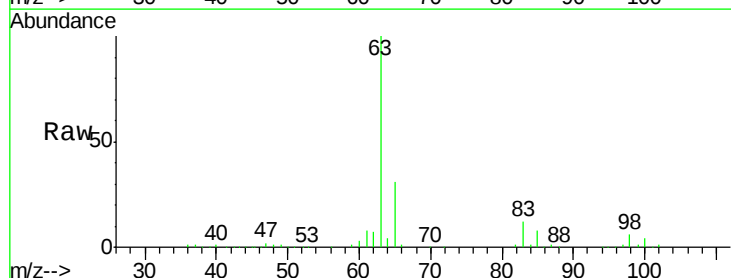
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

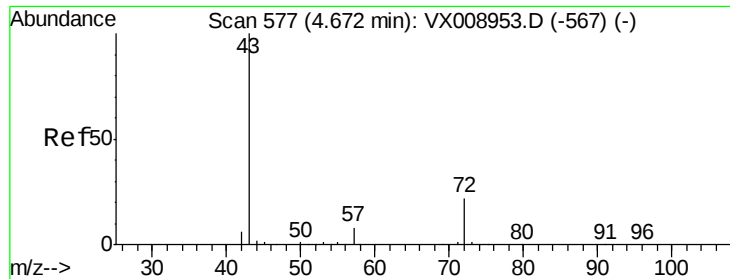
Tot Ion: 43 Resp: 2085847
 Ion Ratio Lower Upper
 43 100
 86 8.6 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 47.882 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. -0.00 min
 Lab File: VX009178.D
 Acq: 26 Apr 2019 10:23

Tgt Ion: 63 Resp: 225937
 Ion Ratio Lower Upper
 63 100
 98 5.7 3.1 9.3
 100 3.6 1.9 5.7





#25

2-Butanone

Concen: 251.828 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX009178.D

Acq: 26 Apr 2019 10:23

Instrument :

MSVOA_X

ClientSampleId :

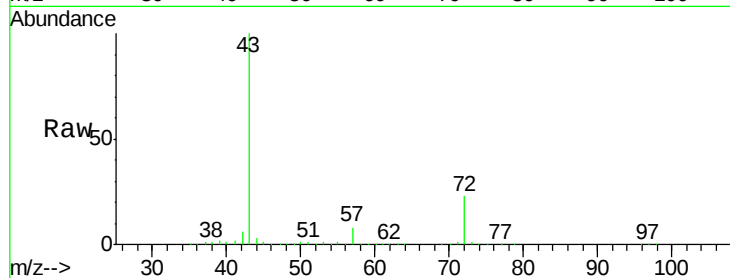
VSTDCCC050

Tot Ion: 43 Resp: 608246

Ion Ratio Lower Upper

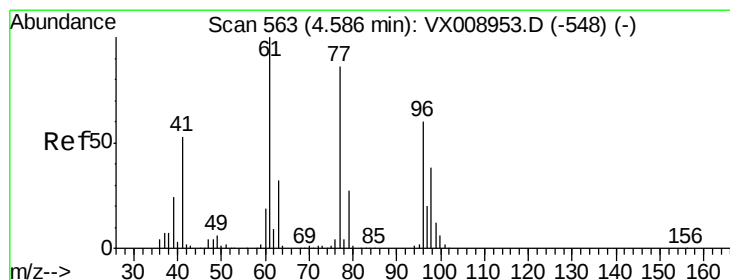
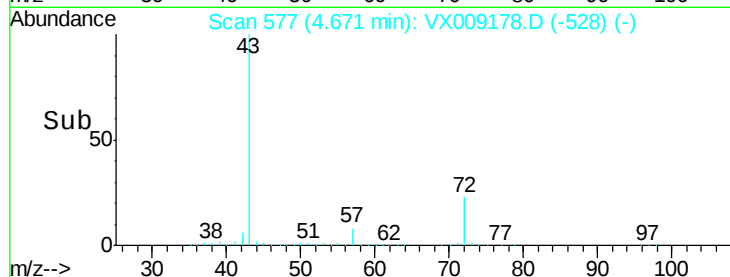
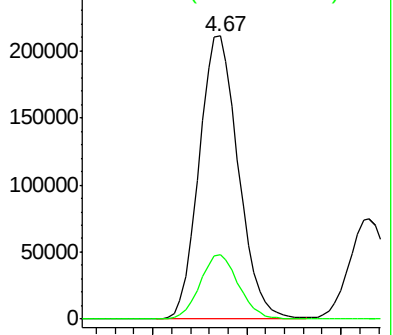
43 100

72 22.6 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 48.963 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX009178.D

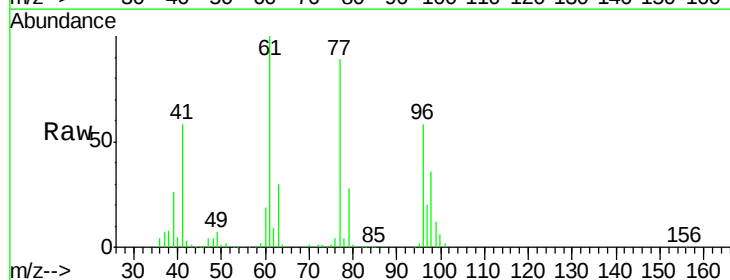
Acq: 26 Apr 2019 10:23

Tgt Ion: 77 Resp: 173184

Ion Ratio Lower Upper

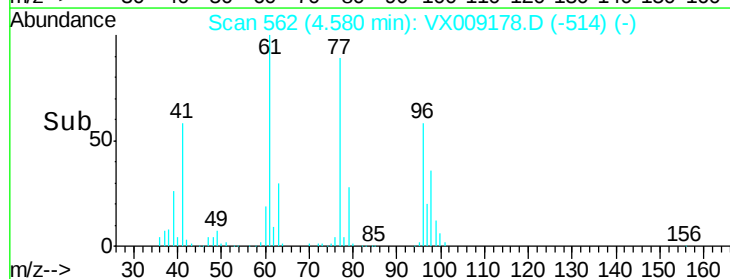
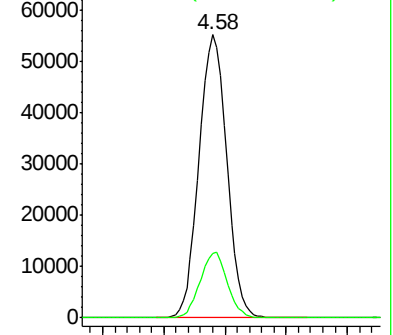
77 100

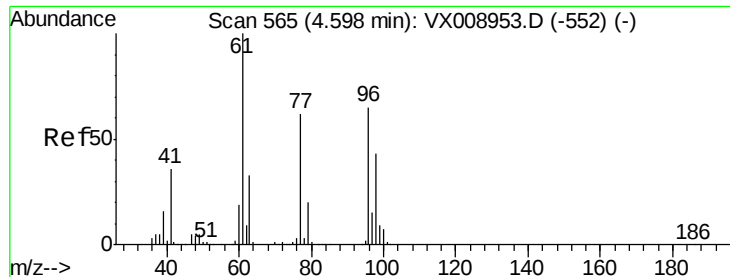
97 22.6 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



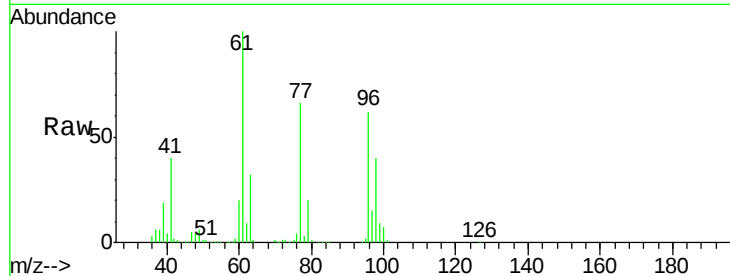


#27

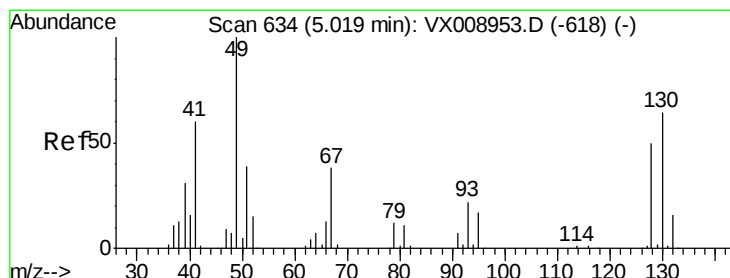
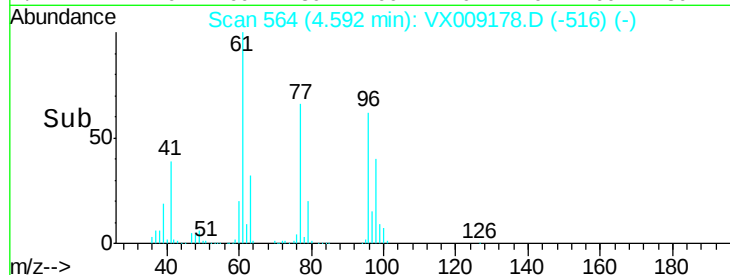
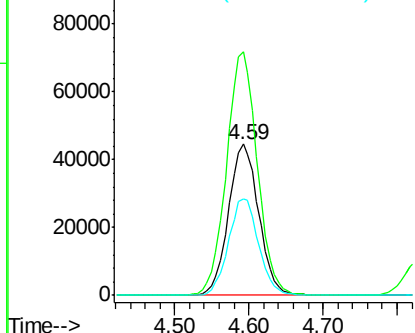
cis-1,2-Dichloroethene
Concen: 47.216 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX009178.D
Acq: 26 Apr 2019 10:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	96	Resp	126780
Ion	Ratio	Lower	Upper
96	100		
61	164.1	0.0	322.0
98	64.3	0.0	128.4



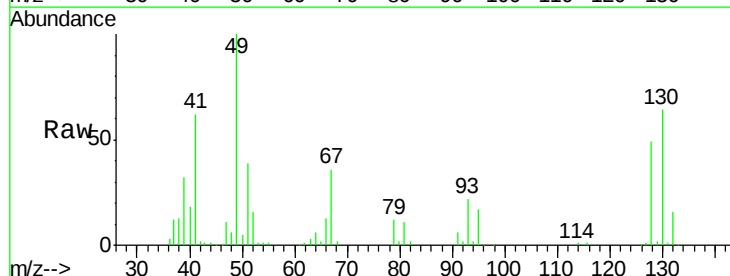
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



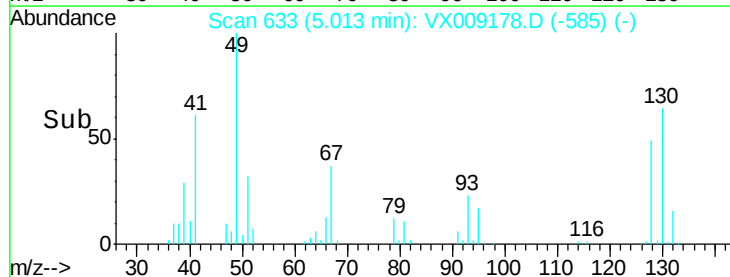
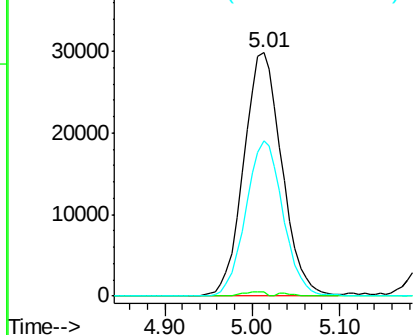
#28

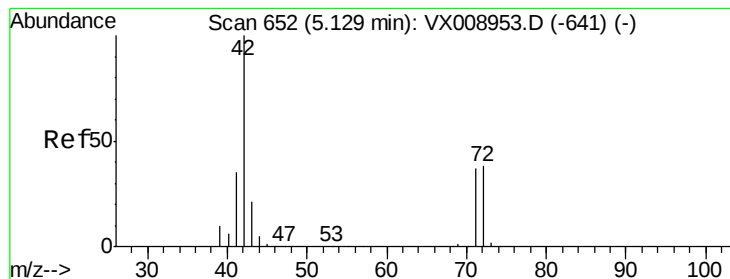
Bromochloromethane
Concen: 46.041 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX009178.D
Acq: 26 Apr 2019 10:23

Tgt Ion	49	Resp	90536
Ion	Ratio	Lower	Upper
49	100		
129	1.1	0.0	3.6
130	62.2	50.4	75.6



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 238.608 ug/l

RT: 5.12 min Scan# 651

Delta R.T. -0.01 min

Lab File: VX009178.D

Acq: 26 Apr 2019 10:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

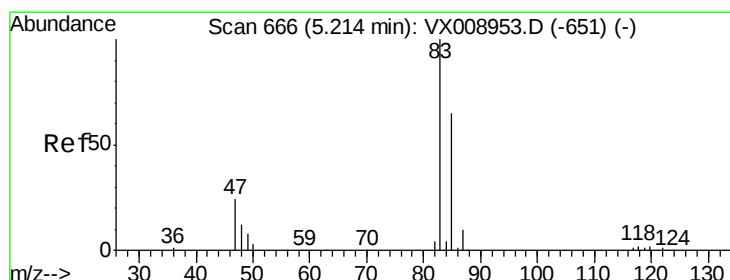
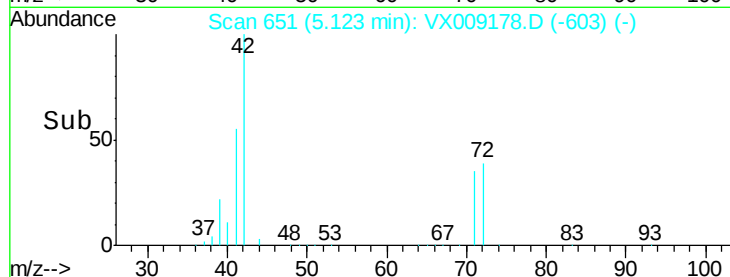
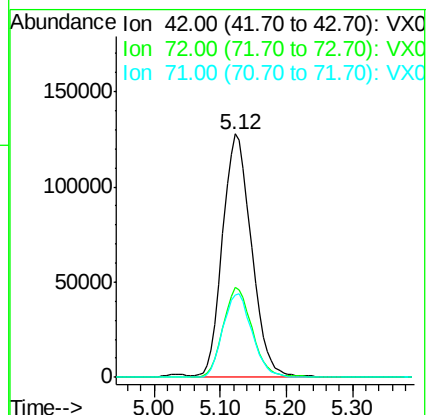
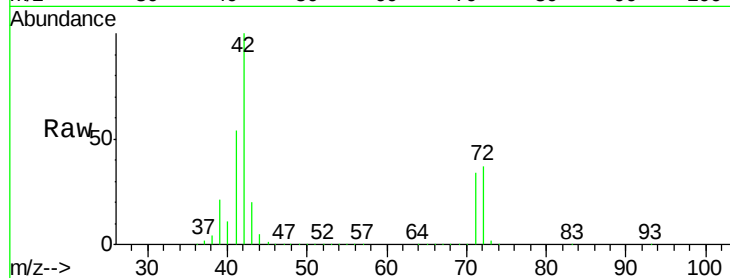
Tot Ion: 42 Resp: 385738

Ion Ratio Lower Upper

42 100

72 37.4 30.6 45.8

71 35.0 28.8 43.2



#30

Chloroform

Concen: 48.795 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.01 min

Lab File: VX009178.D

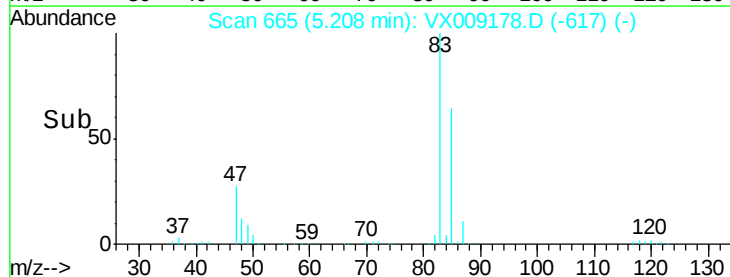
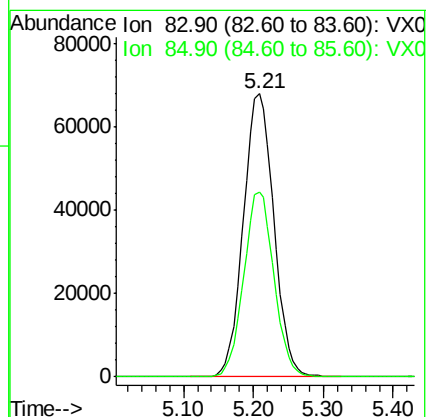
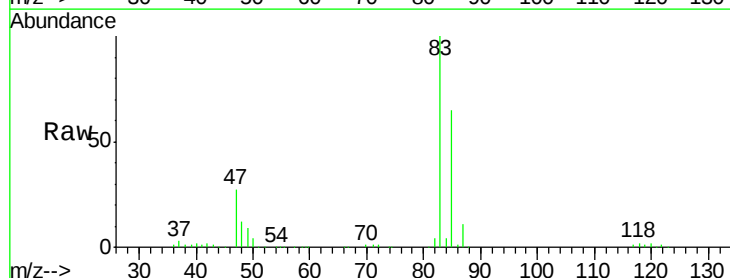
Acq: 26 Apr 2019 10:23

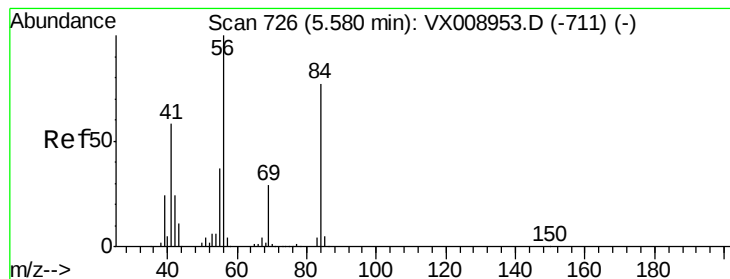
Tgt Ion: 83 Resp: 206033

Ion Ratio Lower Upper

83 100

85 65.3 51.9 77.9





#31

Cyclohexane

Concen: 47.907 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX009178.D

Acq: 26 Apr 2019 10:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

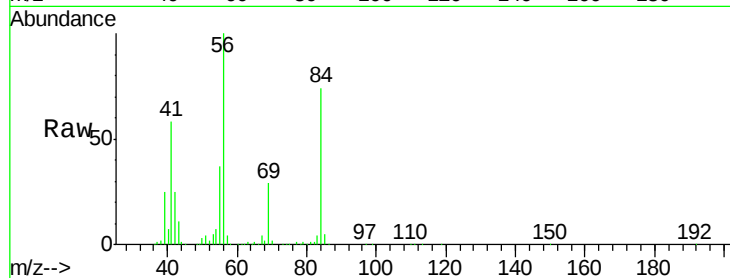
Tot Ion: 56 Resp: 222338

Ion Ratio Lower Upper

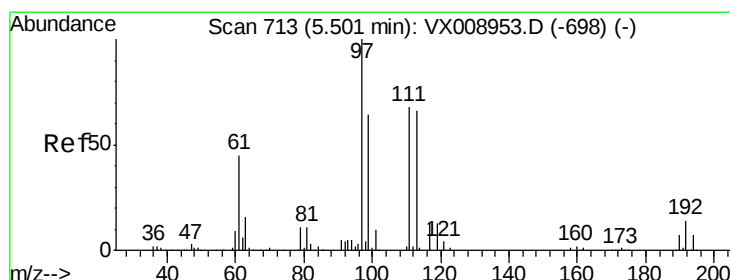
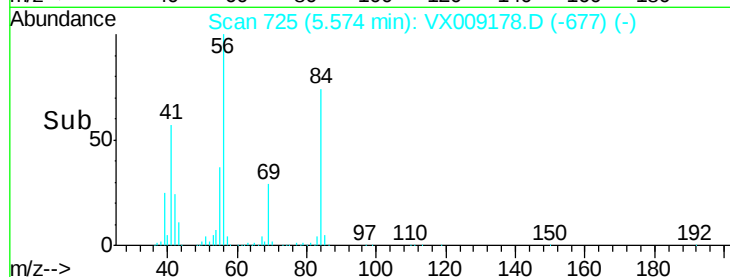
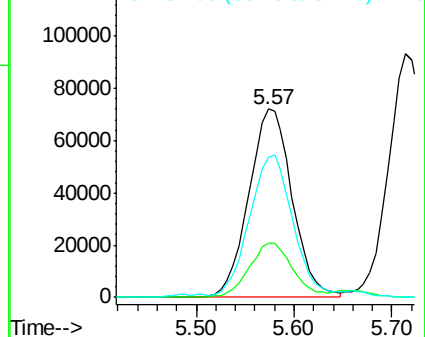
56 100

69 28.7 23.3 34.9

84 73.1 61.7 92.5



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 48.309 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX009178.D

Acq: 26 Apr 2019 10:23

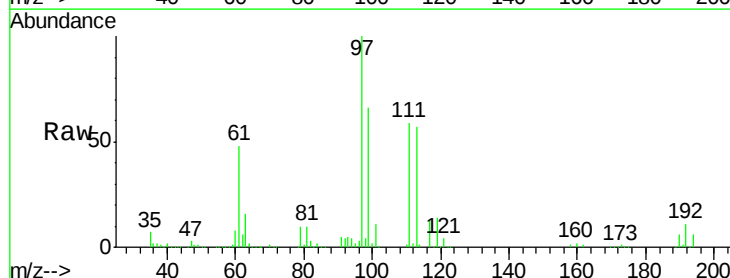
Tgt Ion: 97 Resp: 169063

Ion Ratio Lower Upper

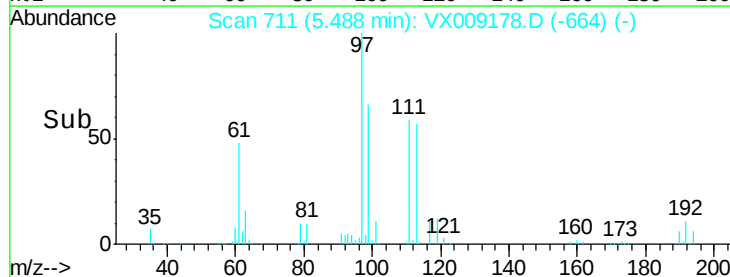
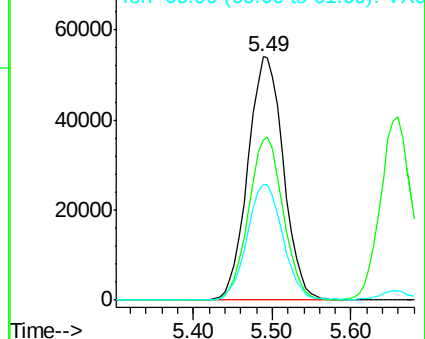
97 100

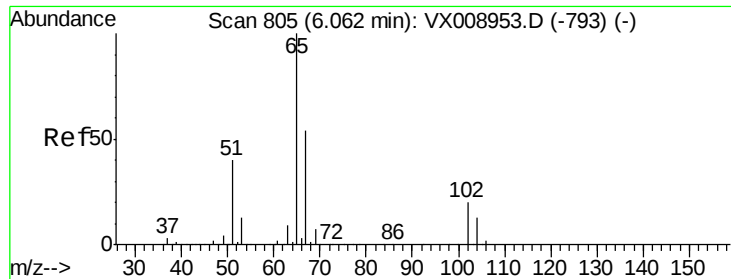
99 65.4 51.6 77.4

61 48.2 37.9 56.9



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 43.201 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX009178.D

Acq: 26 Apr 2019 10:23

Instrument :

MSVOA_X

ClientSampled :

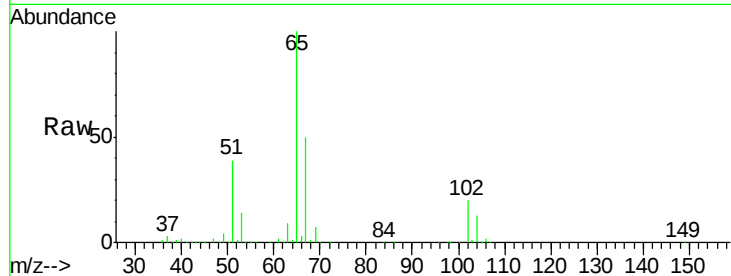
VSTDCCC050

Tot Ion: 65 Resp: 125881

Ion Ratio Lower Upper

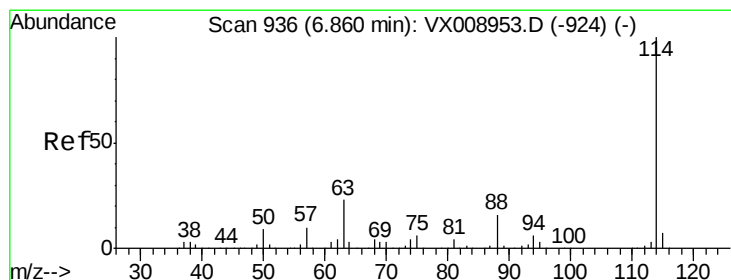
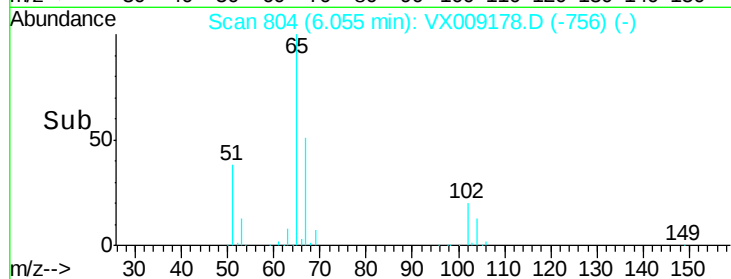
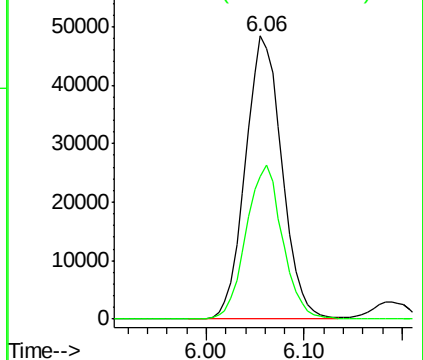
65 100

67 54.1 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX009178.D

Acq: 26 Apr 2019 10:23

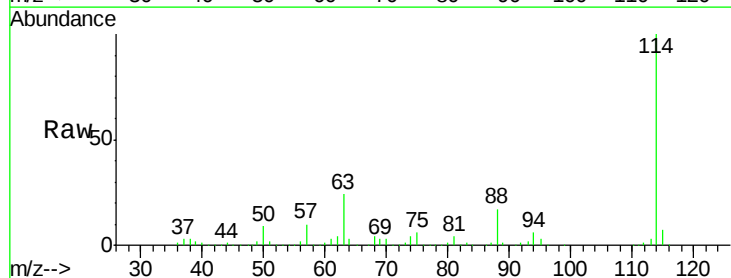
Tgt Ion: 114 Resp: 323265

Ion Ratio Lower Upper

114 100

63 23.9 0.0 46.0

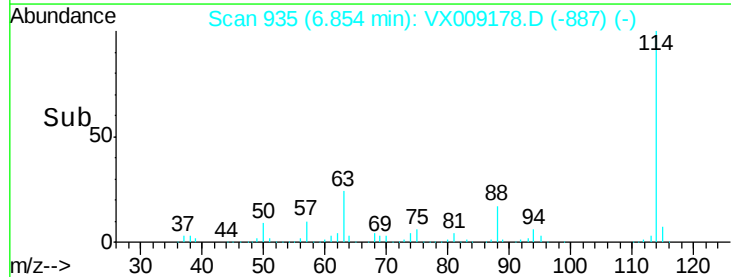
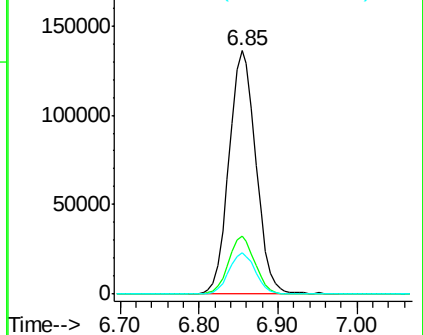
88 16.9 0.0 32.6

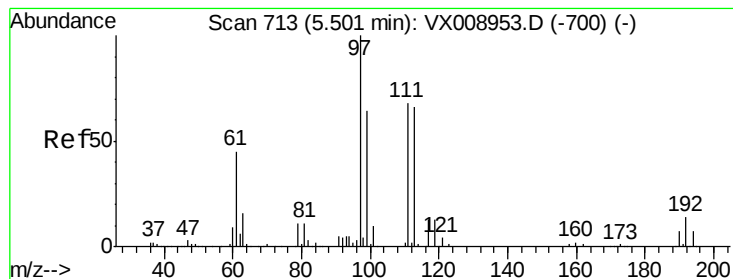


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 44.978 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX009178.D

Acq: 26 Apr 2019 10:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

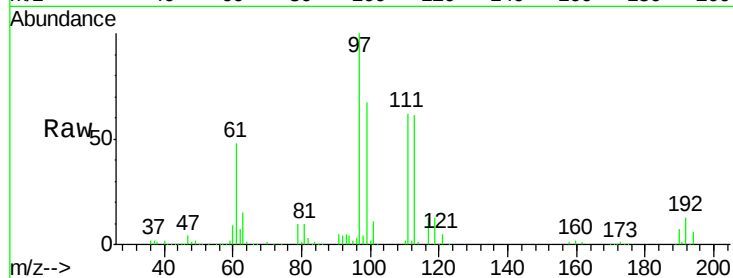
Tot Ion:113 Resp: 93314

Ion Ratio Lower Upper

113 100

111 104.2 82.9 124.3

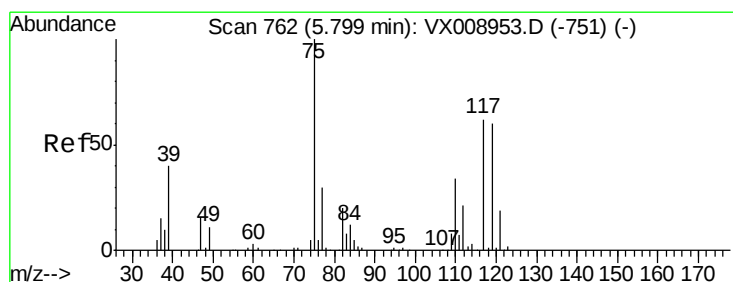
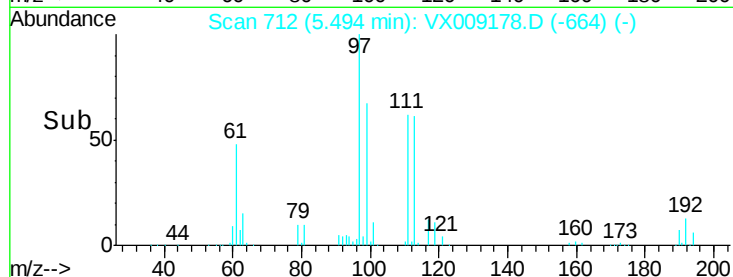
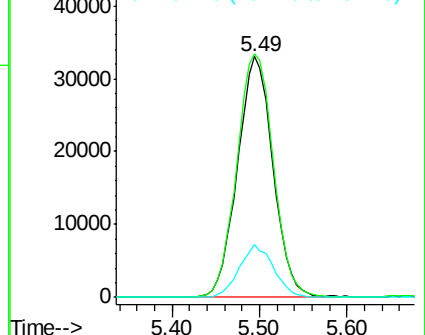
192 21.2 17.4 26.0



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 47.992 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX009178.D

Acq: 26 Apr 2019 10:23

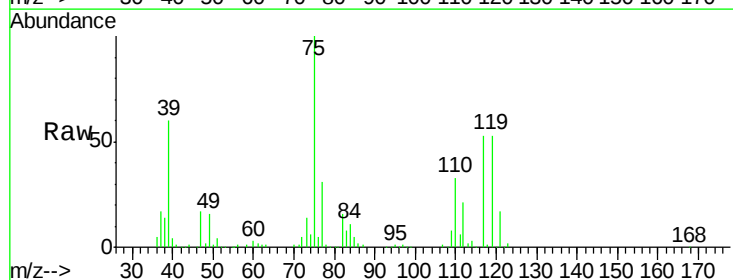
Tgt Ion: 75 Resp: 160450

Ion Ratio Lower Upper

75 100

110 33.7 16.9 50.7

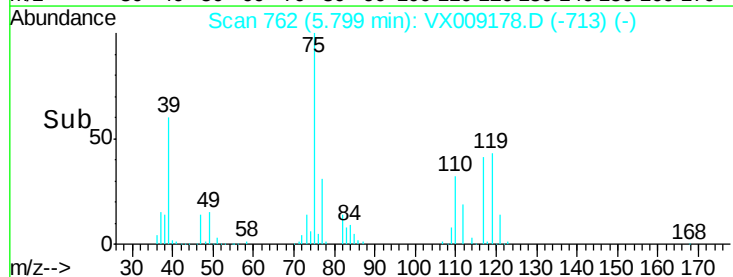
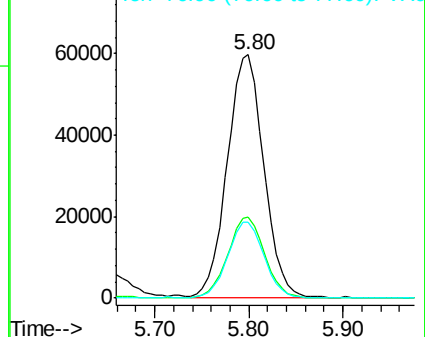
77 31.1 25.0 37.4

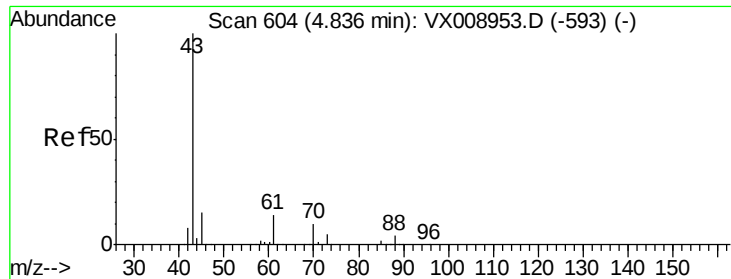


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

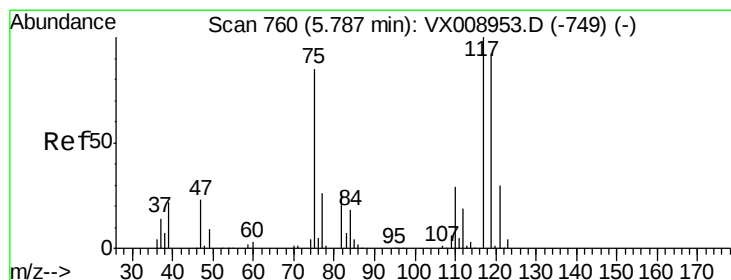
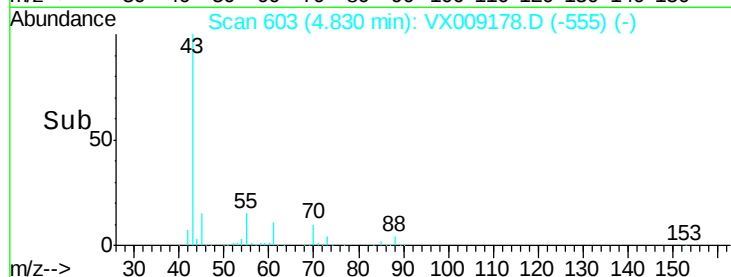
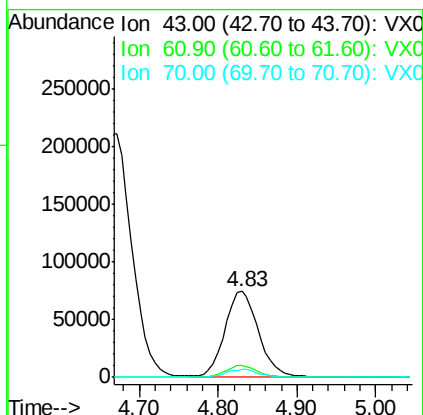
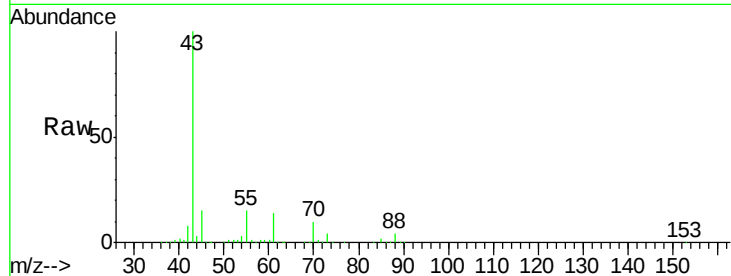




#37
Ethyl Acetate
Concen: 51.176 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX009178.D
Acq: 26 Apr 2019 10:23

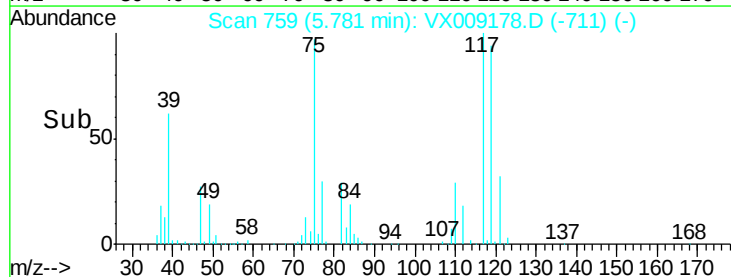
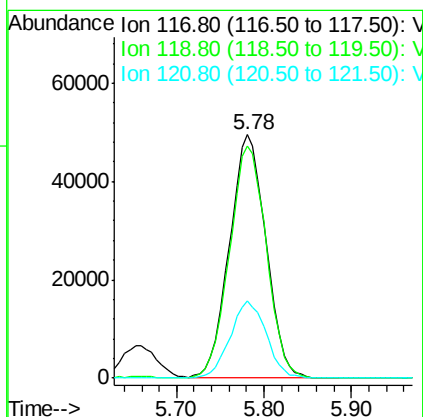
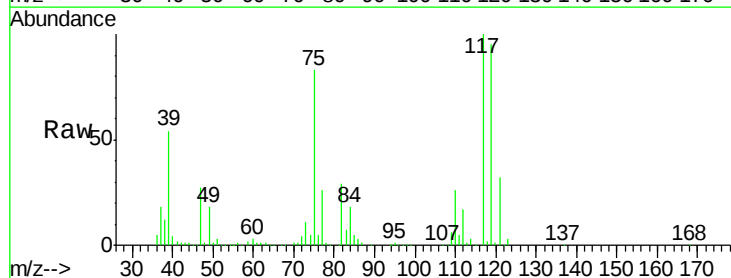
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

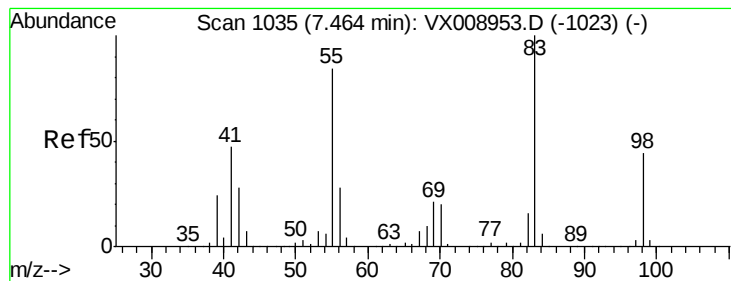
Tot Ion: 43 Resp: 220161
Ion Ratio Lower Upper
43 100
61 12.9 10.6 15.8
70 9.3 7.7 11.5



#38
Carbon Tetrachloride
Concen: 50.586 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX009178.D
Acq: 26 Apr 2019 10:23

Tgt Ion: 117 Resp: 143376
Ion Ratio Lower Upper
117 100
119 95.5 73.8 110.8
121 32.0 23.6 35.4





#39

Methvlcvclohexane

Concen: 50.250 ug/l

RT: 7.46 min Scan# 1034

Delta R.T. -0.01 min

Lab File: VX009178.D

Acq: 26 Apr 2019 10:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

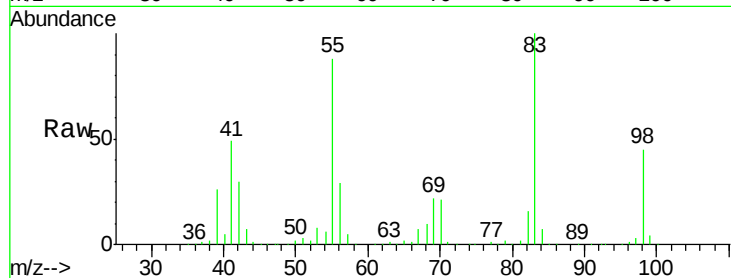
Tot Ion: 83 Resp: 204547

Ion Ratio Lower Upper

83 100

55 87.5 67.1 100.7

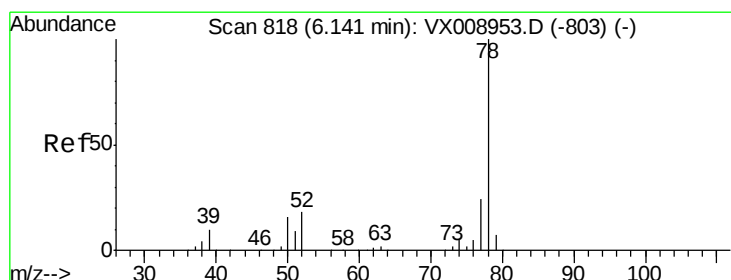
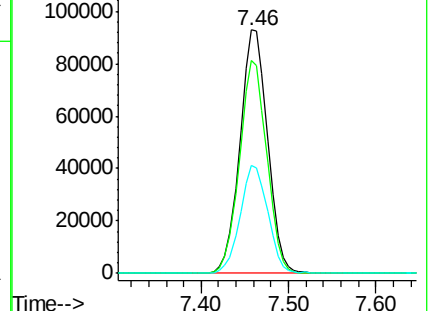
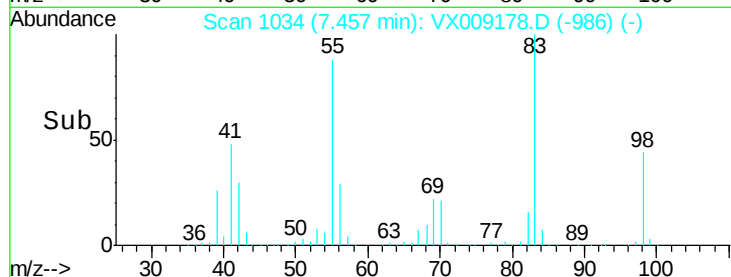
98 44.5 35.1 52.7



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#40

Benzene

Concen: 49.346 ug/l

RT: 6.14 min Scan# 818

Delta R.T. -0.00 min

Lab File: VX009178.D

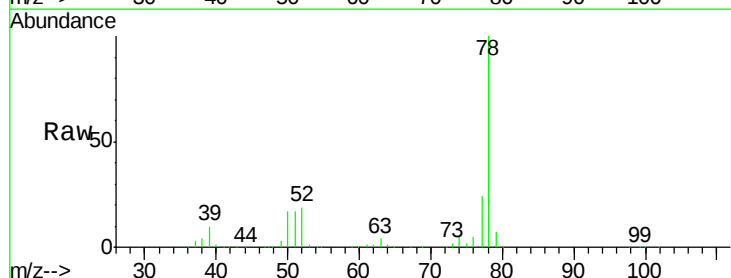
Acq: 26 Apr 2019 10:23

Tgt Ion: 78 Resp: 486690

Ion Ratio Lower Upper

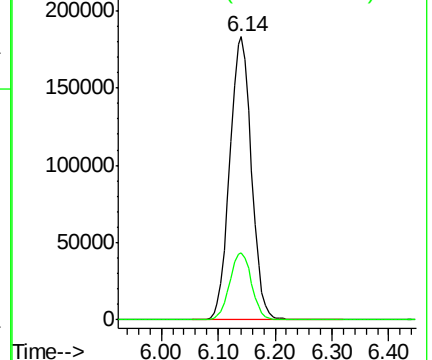
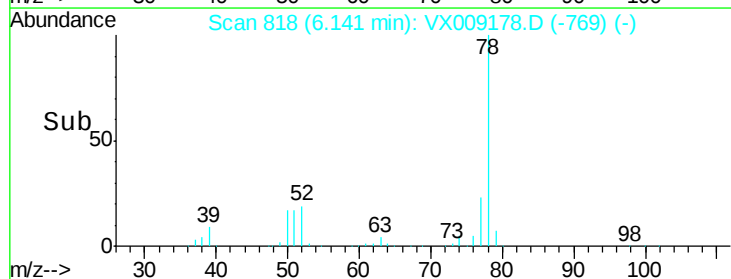
78 100

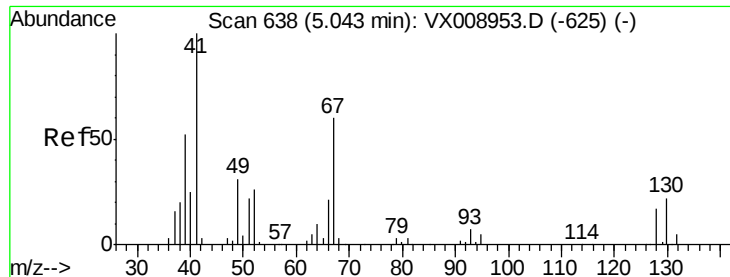
77 23.8 19.0 28.6



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

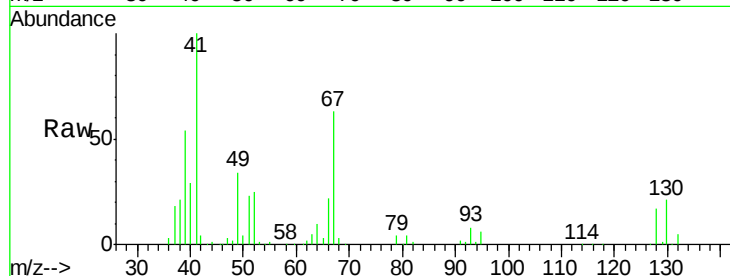




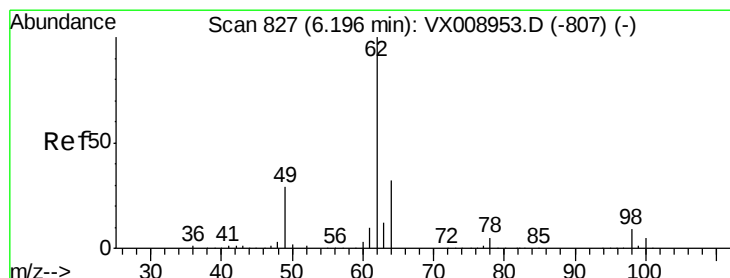
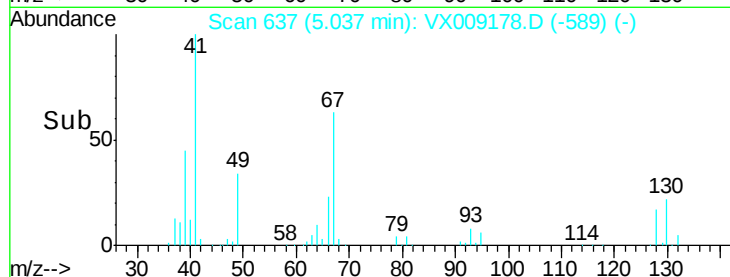
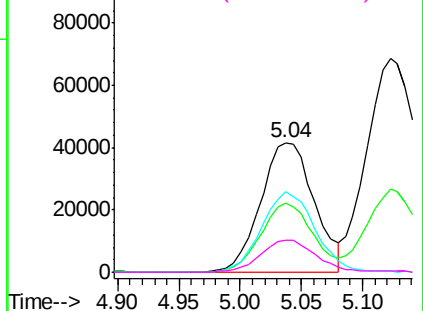
#41
Methacrylonitrile
Concen: 51.332 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX009178.D
Acq: 26 Apr 2019 10:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	126742
Ion	Ratio	Lower	Upper
41	100		
39	52.3	41.8	62.6
67	62.6	50.2	75.4
52	26.0	21.1	31.7

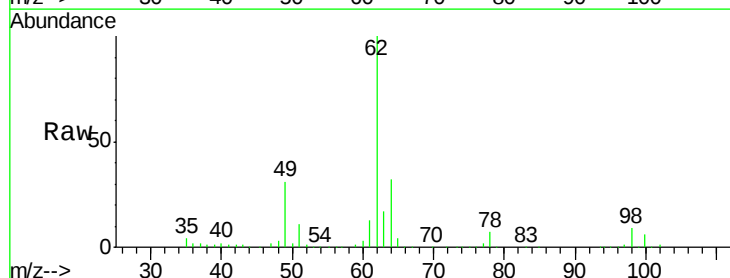


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

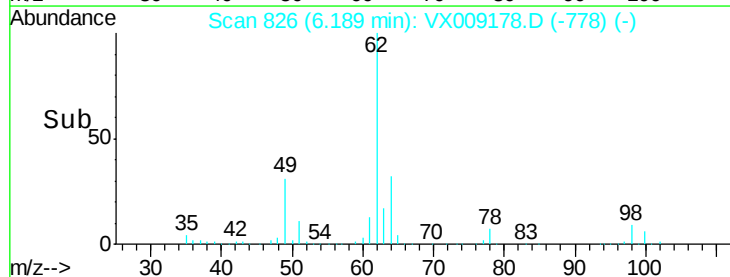
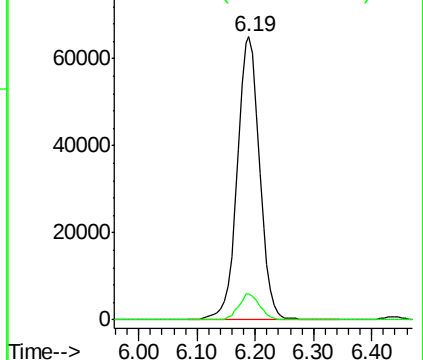


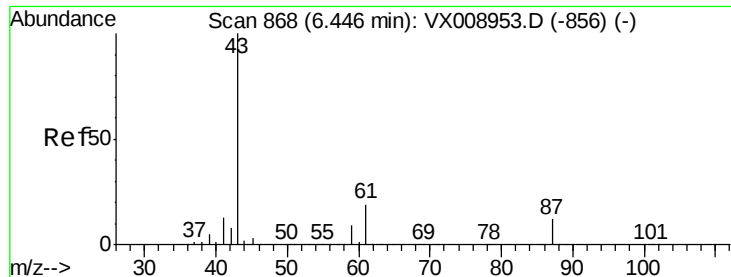
#42
1,2-Dichloroethane
Concen: 49.410 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.01 min
Lab File: VX009178.D
Acq: 26 Apr 2019 10:23

Tgt Ion:	62	Resp:	172627
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	18.4



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



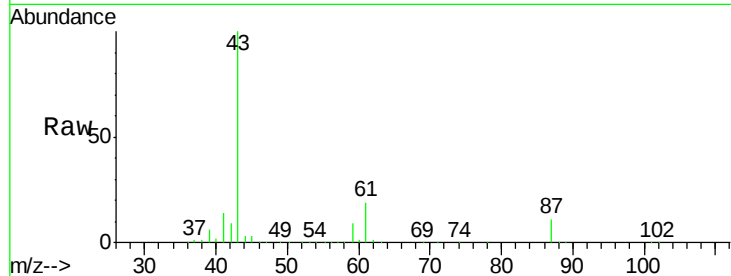


#43

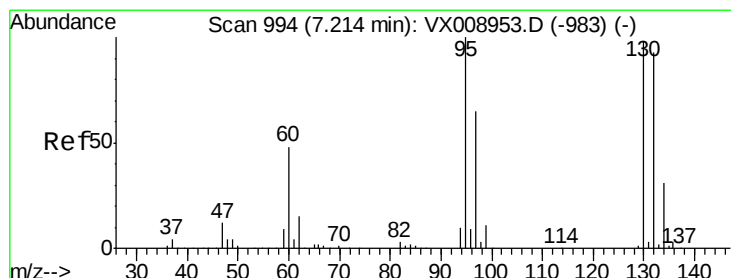
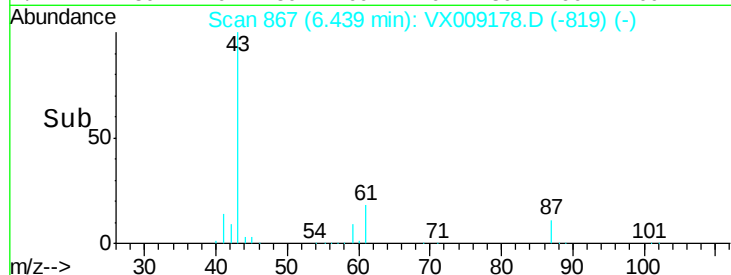
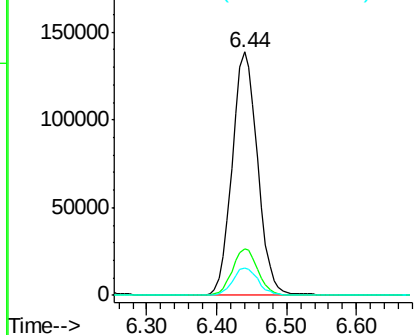
Isopropyl Acetate
 Concen: 50.458 ug/l
 RT: 6.44 min Scan# 867
 Delta R.T. -0.01 min
 Lab File: VX009178.D
 Acq: 26 Apr 2019 10:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 349809
 Ion Ratio Lower Upper
 43 100
 61 19.2 15.4 23.0
 87 11.2 9.0 13.4



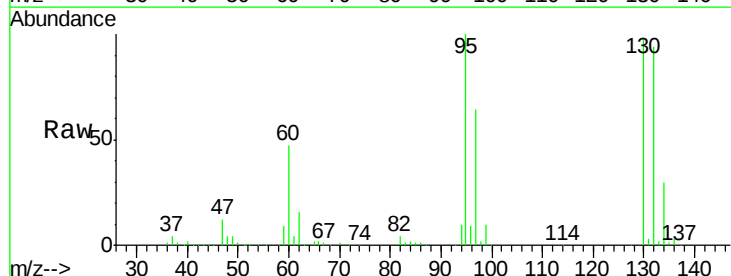
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



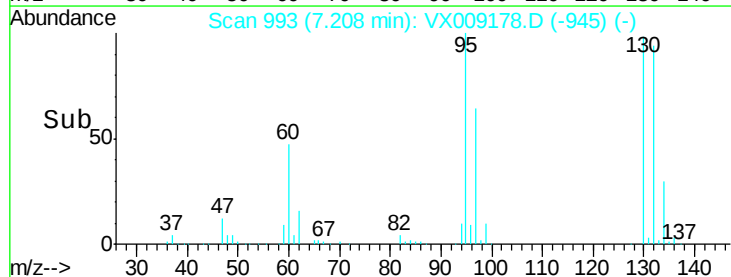
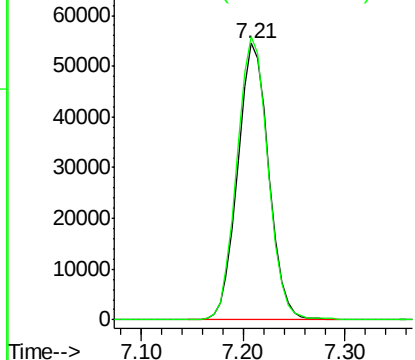
#44

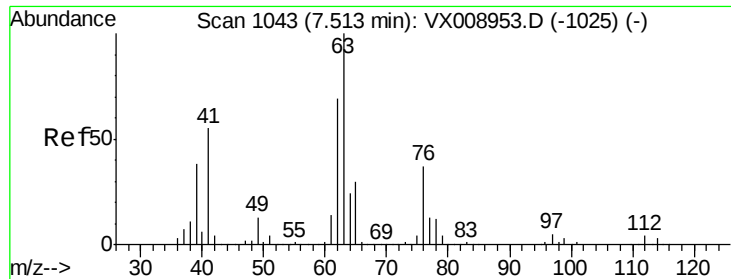
Trichloroethene
 Concen: 47.590 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: VX009178.D
 Acq: 26 Apr 2019 10:23

Tgt Ion:130 Resp: 115006
 Ion Ratio Lower Upper
 130 100
 95 102.3 0.0 203.2



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 50.362 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX009178.D

Acq: 26 Apr 2019 10:23

Instrument :

MSVOA_X

ClientSampleId :

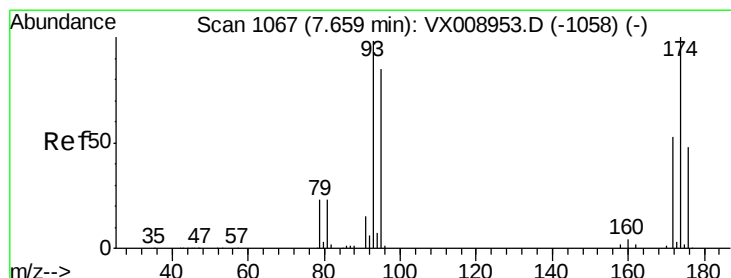
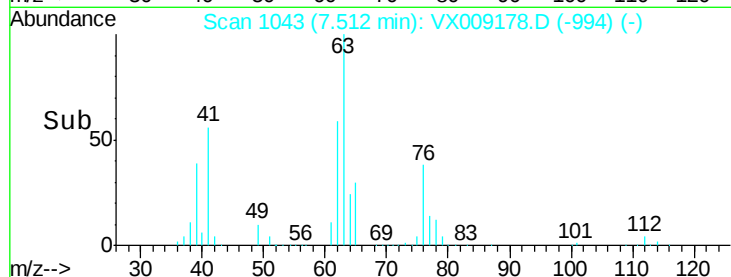
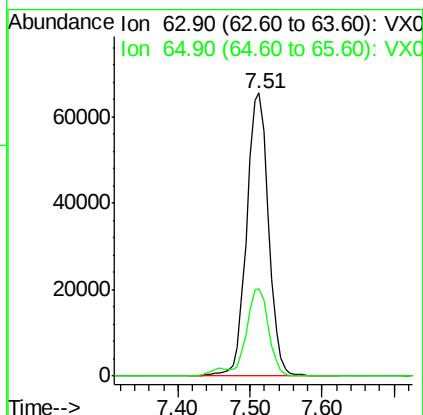
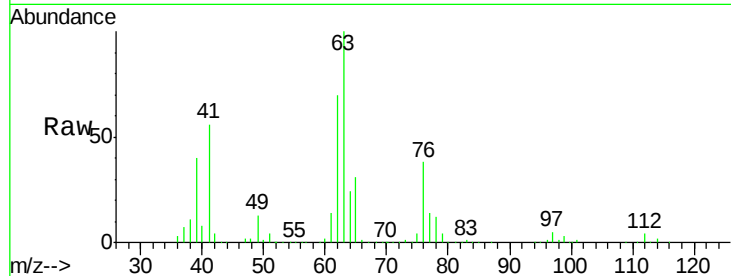
VSTDCCC050

Tot Ion: 63 Resp: 137802

Ion Ratio Lower Upper

63 100

65 30.9 24.1 36.1



#46

Dibromomethane

Concen: 49.316 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX009178.D

Acq: 26 Apr 2019 10:23

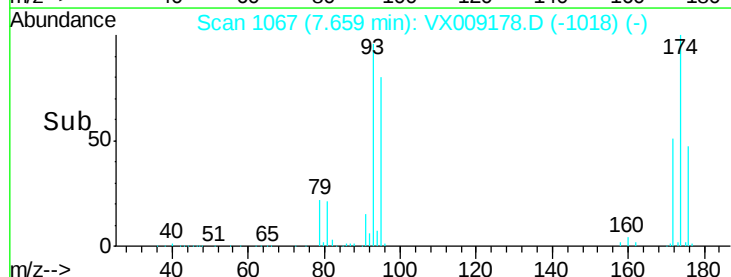
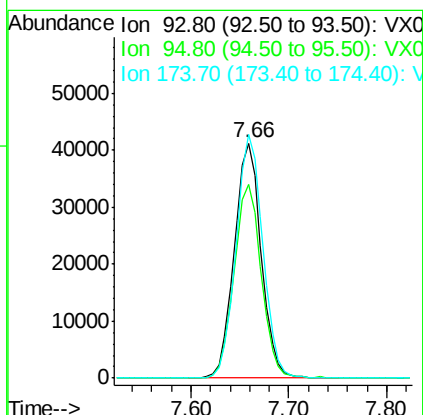
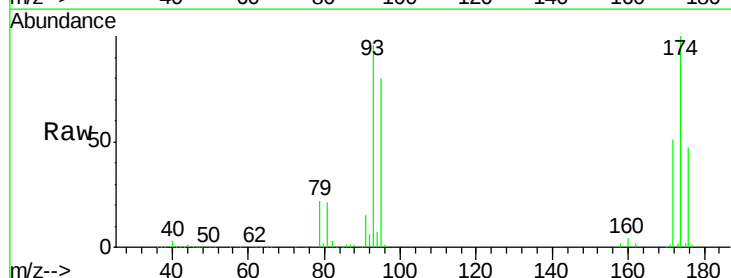
Tgt Ion: 93 Resp: 78531

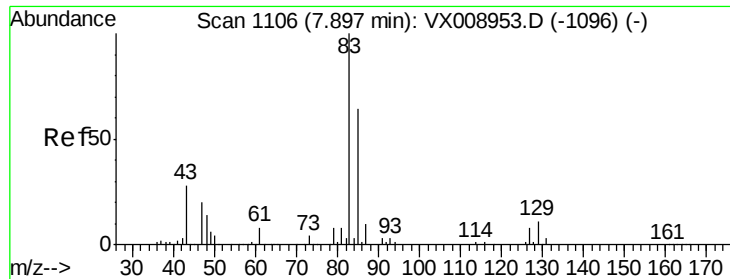
Ion Ratio Lower Upper

93 100

95 83.6 67.0 100.4

174 103.4 81.6 122.4





#47

Bromodichloromethane

Concen: 51.402 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX009178.D

Acq: 26 Apr 2019 10:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

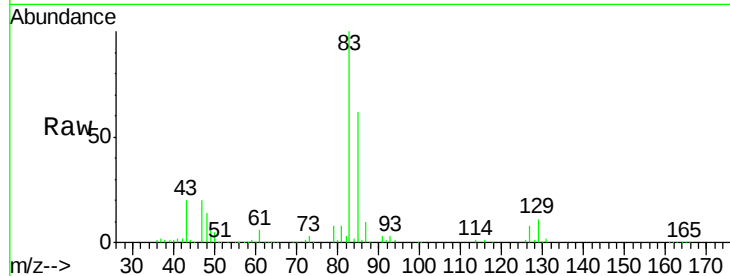
Tot Ion: 83 Resp: 160542

Ion Ratio Lower Upper

83 100

85 62.3 50.8 76.2

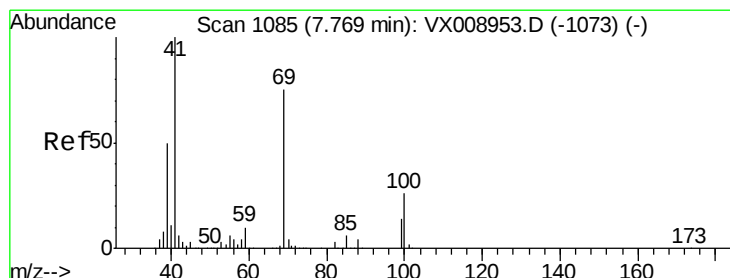
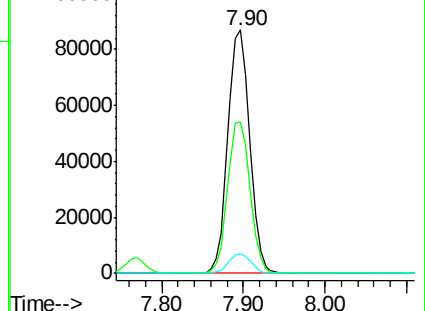
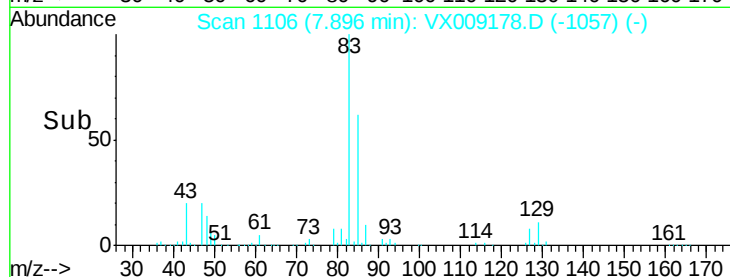
127 8.1 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 51.682 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX009178.D

Acq: 26 Apr 2019 10:23

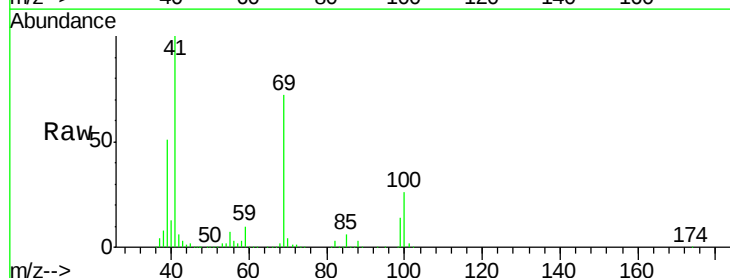
Tgt Ion: 41 Resp: 177038

Ion Ratio Lower Upper

41 100

69 72.5 59.4 89.2

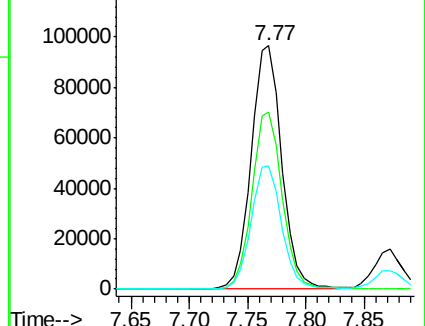
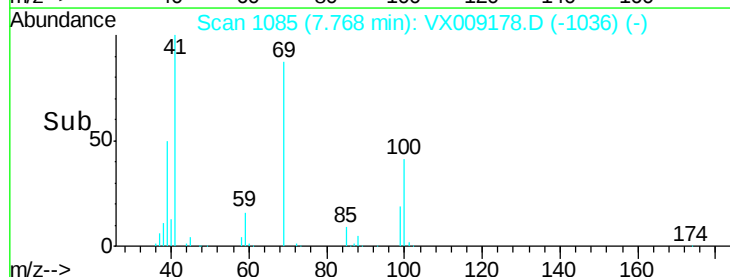
39 50.6 39.8 59.6

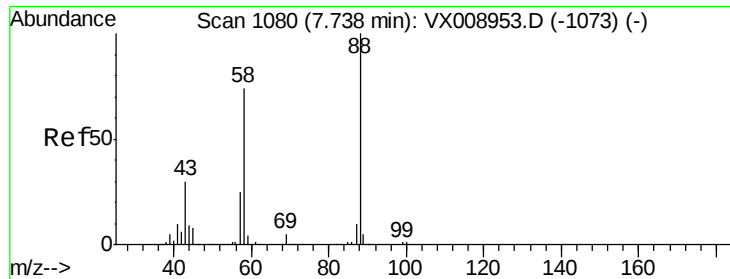


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

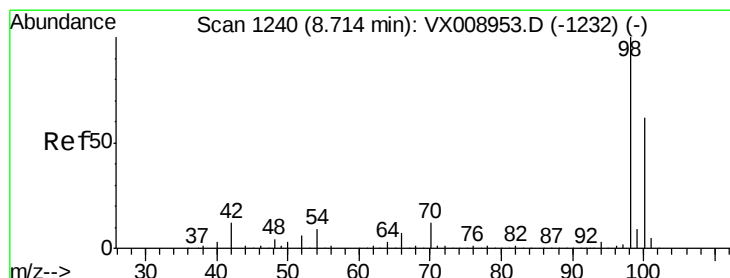
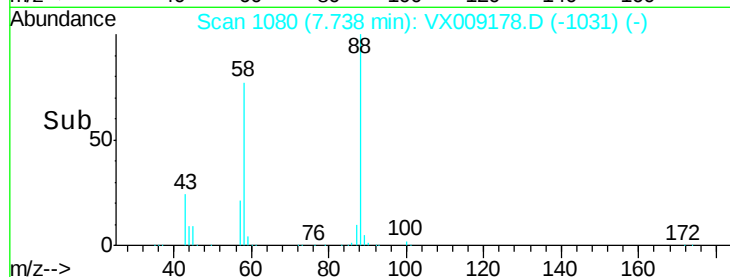
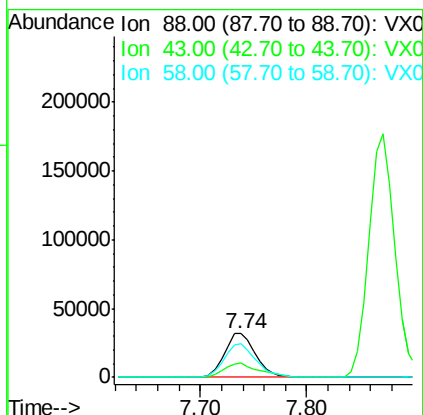
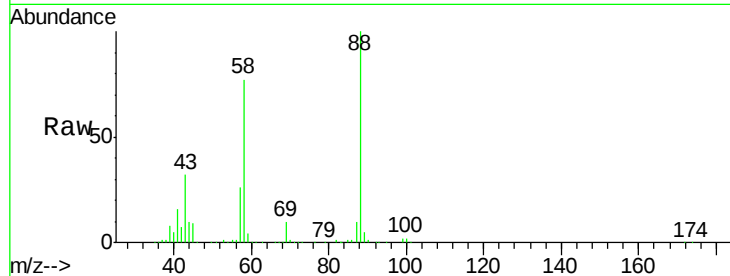




#49
 1,4-Dioxane
 Concen: 1010.760 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. -0.00 min
 Lab File: VX009178.D
 Acq: 26 Apr 2019 10:23

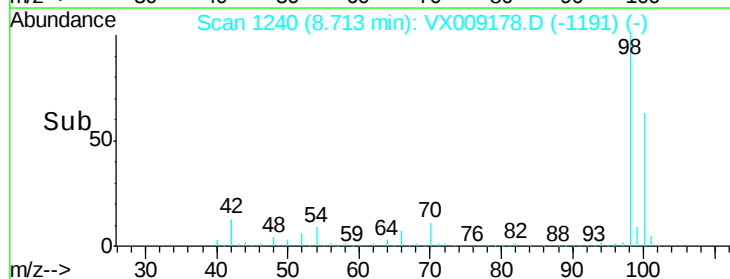
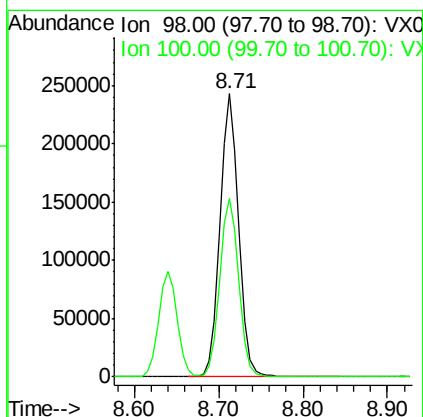
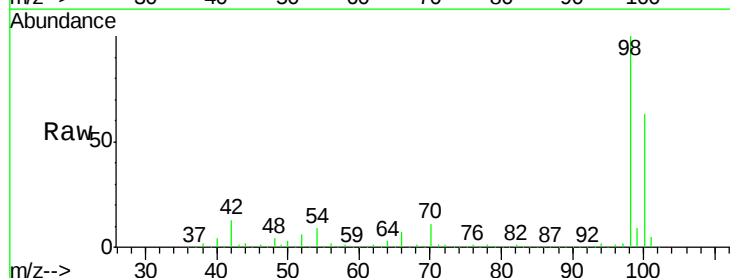
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

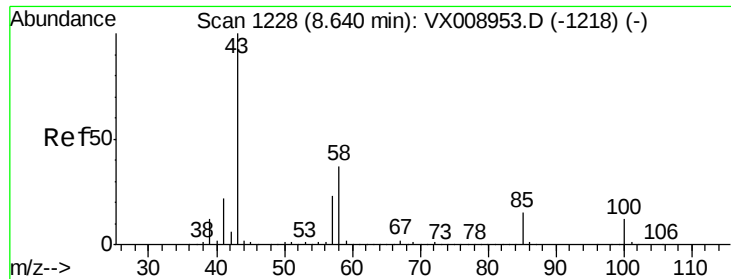
Tot Ion: 88 Resp: 64805
 Ion Ratio Lower Upper
 88 100
 43 36.7 29.3 43.9
 58 79.5 62.6 93.8



#50
 Toluene-d8
 Concen: 44.845 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX009178.D
 Acq: 26 Apr 2019 10:23

Tgt Ion: 98 Resp: 371036
 Ion Ratio Lower Upper
 98 100
 100 64.4 51.4 77.2





#51

4-Methyl-2-Pentanone

Concen: 258.941 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX009178.D

Acq: 26 Apr 2019 10:23

Instrument :

MSVOA_X

ClientSampleId :

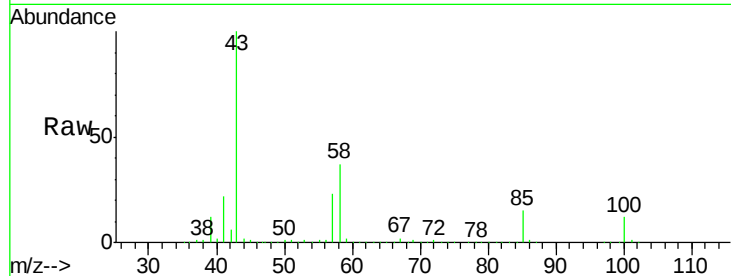
VSTDCCC050

Tot Ion: 43 Resp: 1143653

Ion Ratio Lower Upper

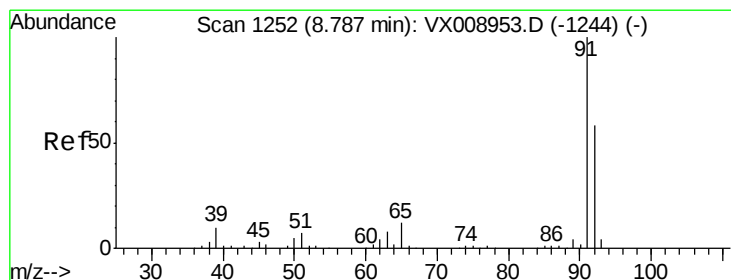
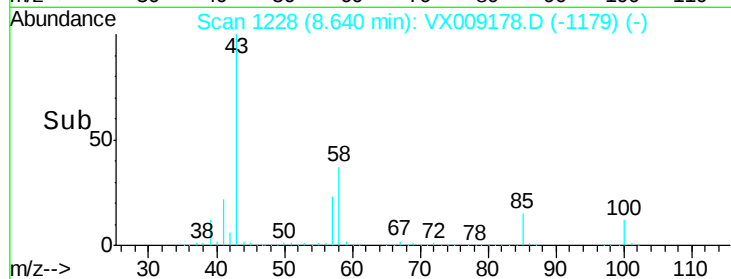
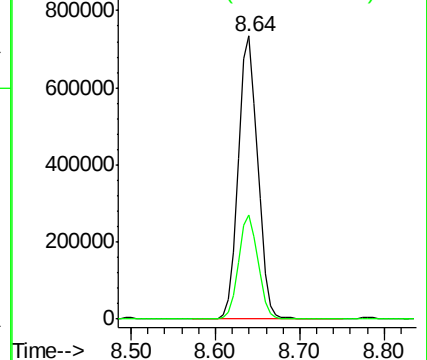
43 100

58 36.6 29.8 44.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 49.999 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX009178.D

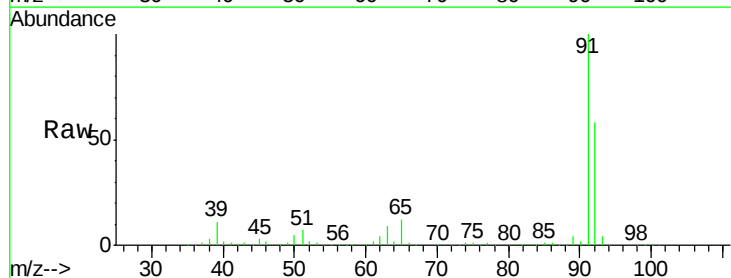
Acq: 26 Apr 2019 10:23

Tgt Ion: 92 Resp: 295543

Ion Ratio Lower Upper

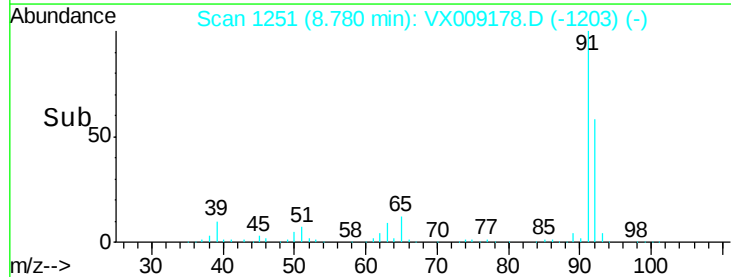
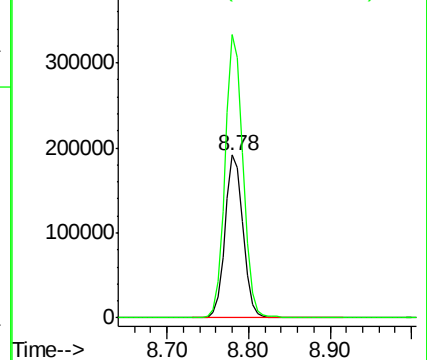
92 100

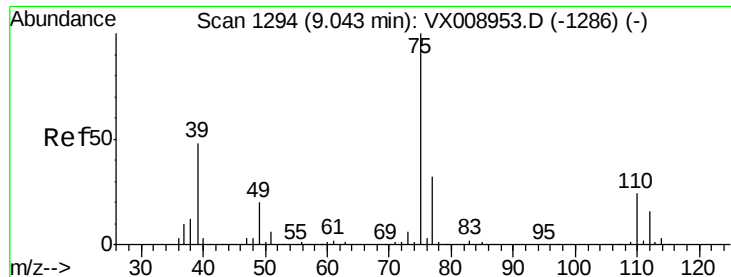
91 173.0 138.5 207.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

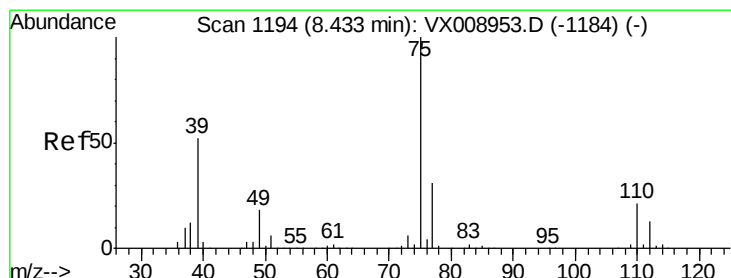
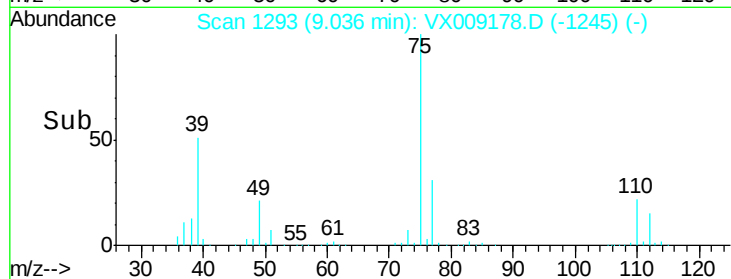
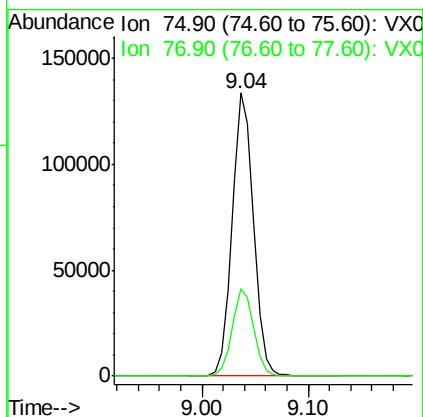
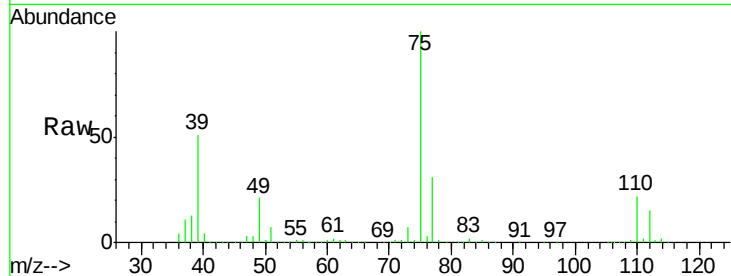




#53
 t-1,3-Dichloropropene
 Concen: 52.442 ug/l
 RT: 9.04 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: VX009178.D
 Acq: 26 Apr 2019 10:23

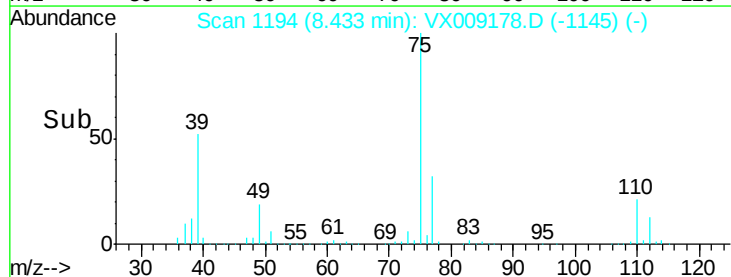
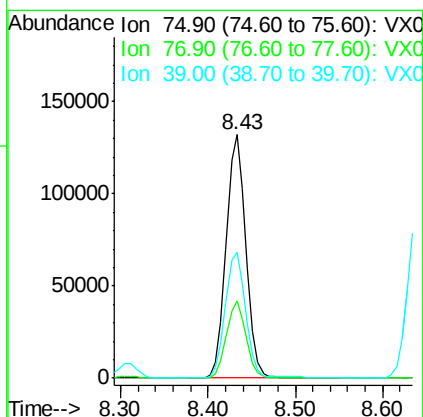
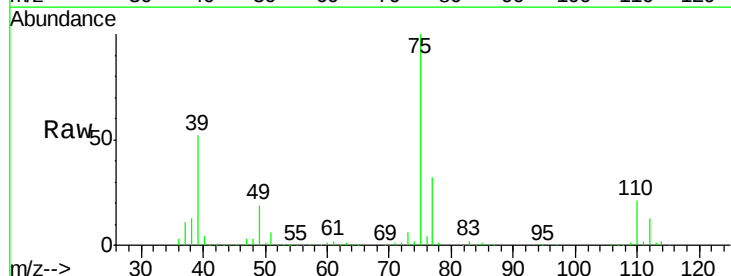
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

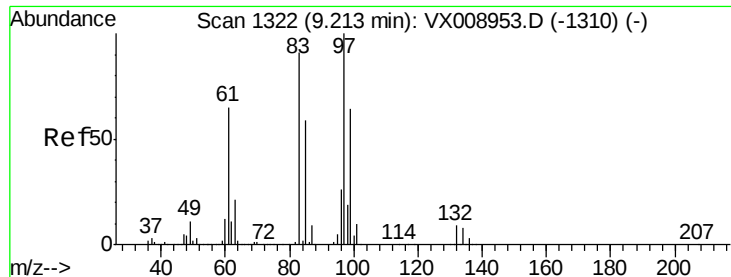
Tot Ion: 75 Resp: 188500
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 51.244 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX009178.D
 Acq: 26 Apr 2019 10:23

Tgt Ion: 75 Resp: 206247
 Ion Ratio Lower Upper
 75 100
 77 31.5 24.8 37.2
 39 51.6 41.8 62.6



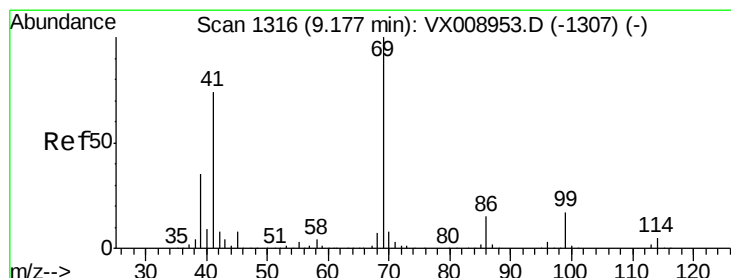
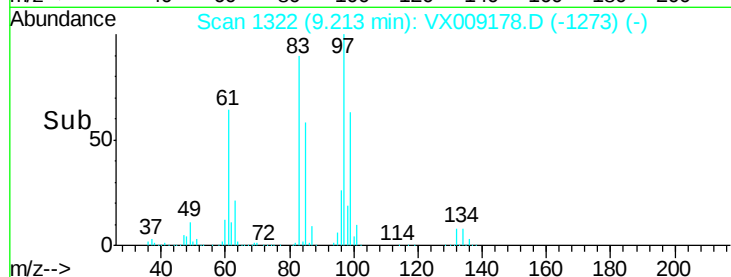
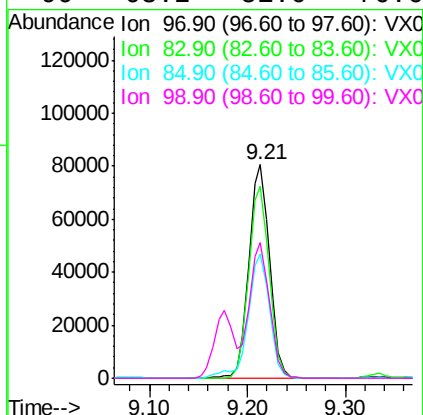
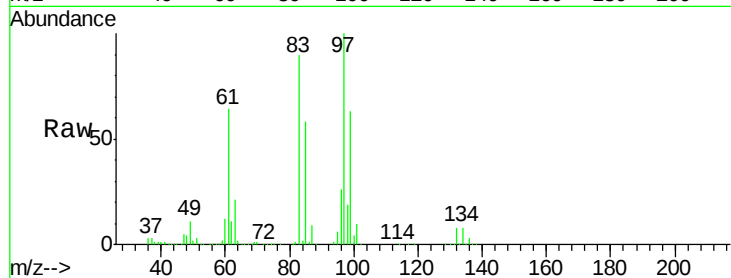


#55
 1,1,2-Trichloroethane
 Concen: 50.435 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX009178.D
 Acq: 26 Apr 2019 10:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 97 Resp: 118153

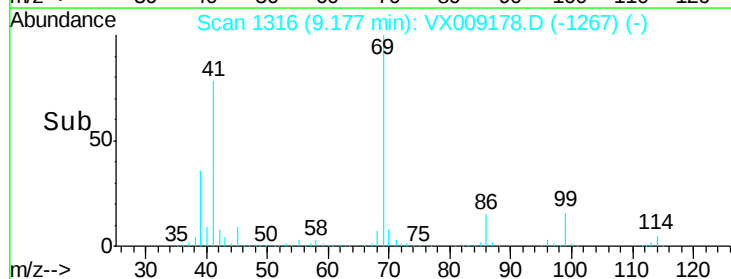
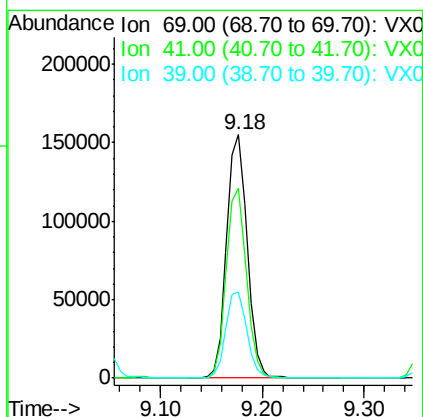
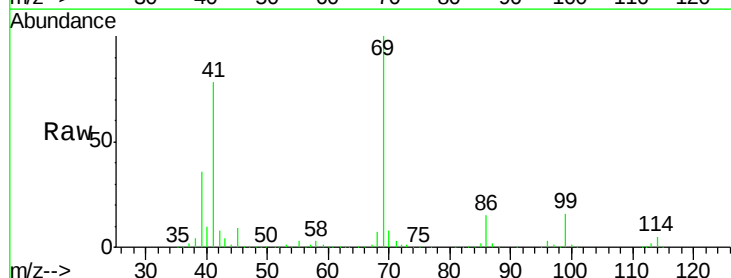
Ion	Ratio	Lower	Upper
97	100		
83	90.1	72.6	108.8
85	58.2	46.9	70.3
99	63.2	51.0	76.6

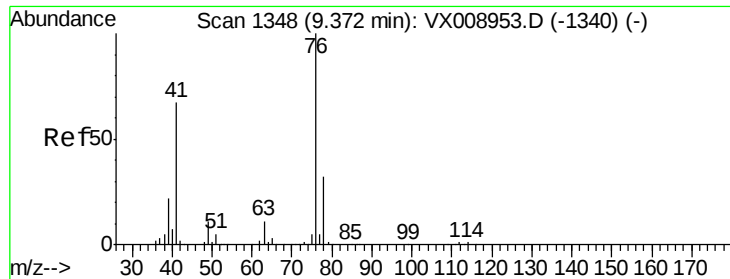


#56
 Ethyl methacrylate
 Concen: 51.760 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX009178.D
 Acq: 26 Apr 2019 10:23

Tgt Ion: 69 Resp: 217425

Ion	Ratio	Lower	Upper
69	100		
41	76.6	60.2	90.2
39	36.0	27.9	41.9





#57

1,3-Dichloropropane

Concen: 50.412 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.01 min

Lab File: VX009178.D

Acq: 26 Apr 2019 10:23

Instrument :

MSVOA_X

ClientSampleId :

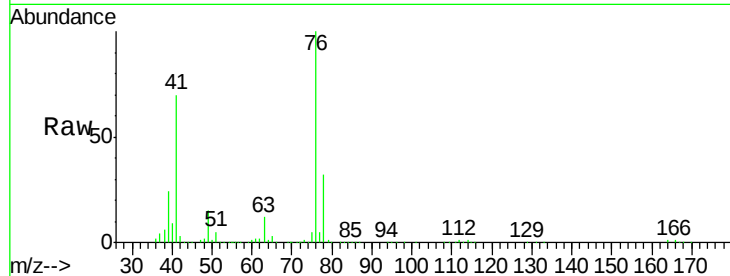
VSTDCCC050

Tot Ion: 76 Resp: 210278

Ion Ratio Lower Upper

76 100

78 32.2 25.7 38.5



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

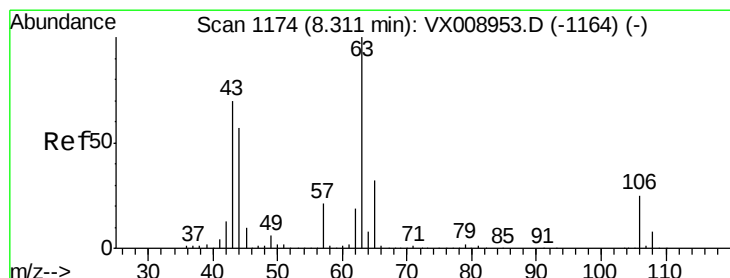
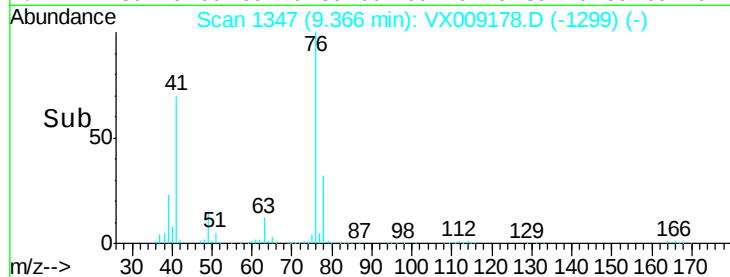
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 266.014 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX009178.D

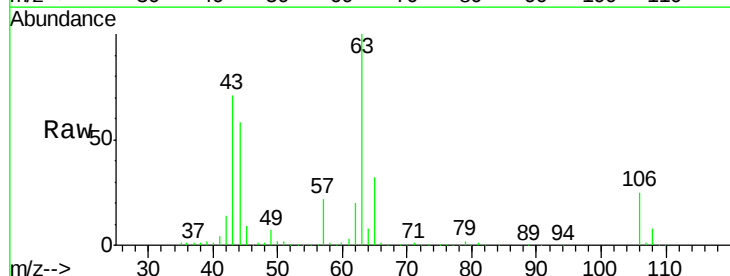
Acq: 26 Apr 2019 10:23

Tgt Ion: 63 Resp: 601740

Ion Ratio Lower Upper

63 100

106 24.5 19.8 29.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.31

400000

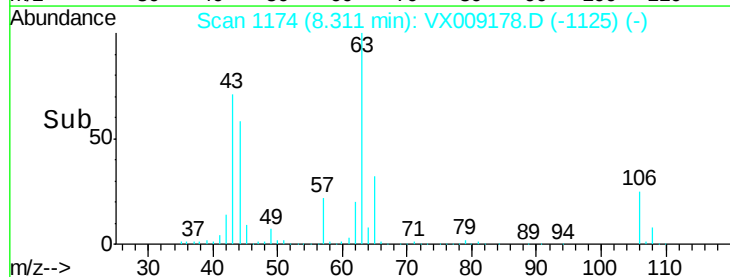
300000

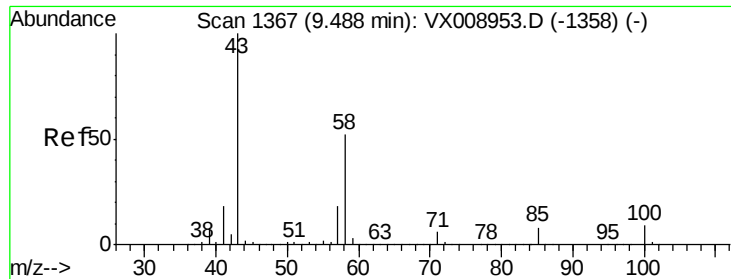
200000

100000

0

Time-->

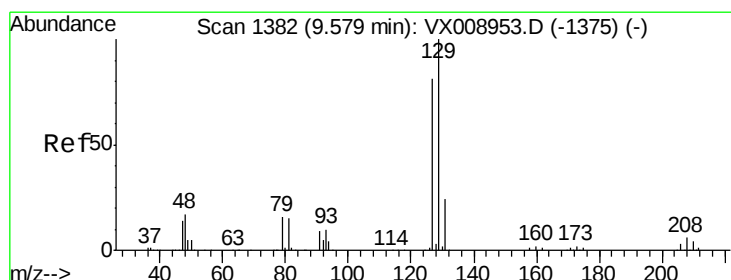
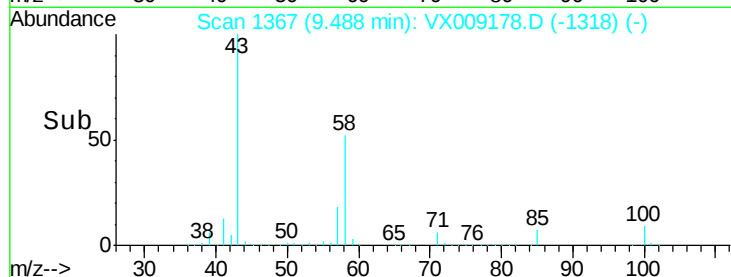
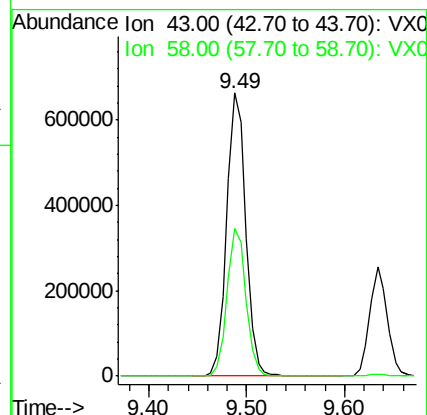
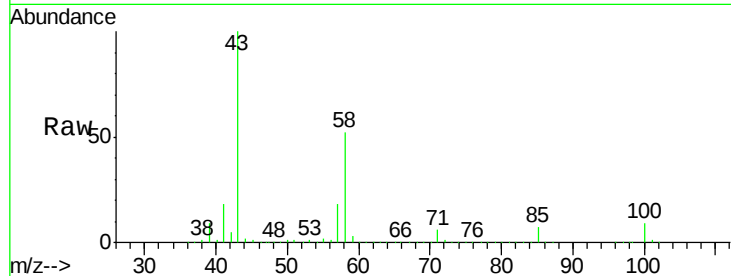




#59
2-Hexanone
Concen: 263.742 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX009178.D
Acq: 26 Apr 2019 10:23

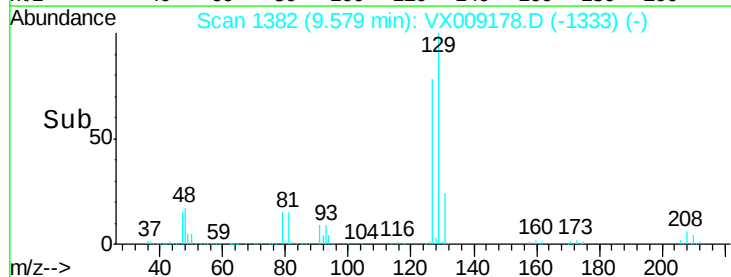
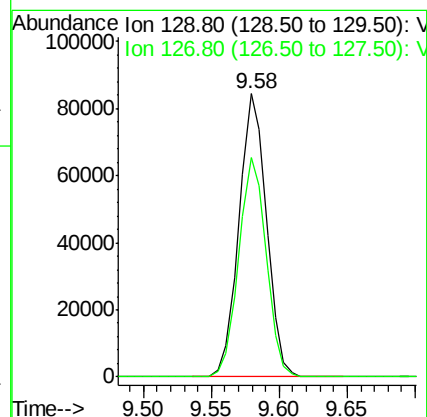
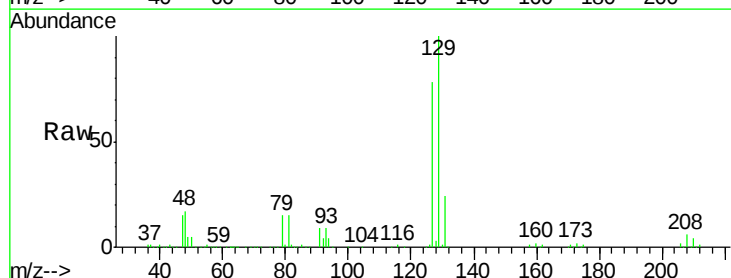
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

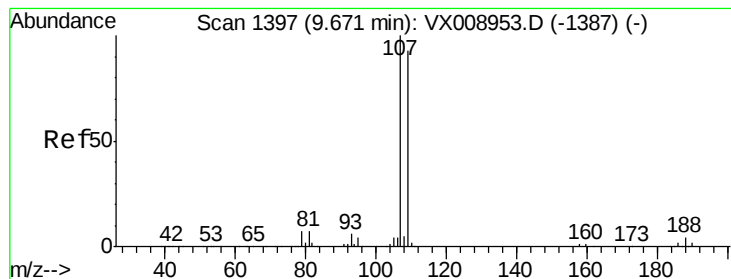
Tot Ion: 43 Resp: 898080
Ion Ratio Lower Upper
43 100
58 51.8 25.9 77.8



#60
Dibromochloromethane
Concen: 53.112 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX009178.D
Acq: 26 Apr 2019 10:23

Tgt Ion:129 Resp: 119251
Ion Ratio Lower Upper
129 100
127 77.5 39.1 117.2





#61

1,2-Dibromoethane

Concen: 50.239 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX009178.D

Acq: 26 Apr 2019 10:23

Instrument :

MSVOA_X

ClientSampleId :

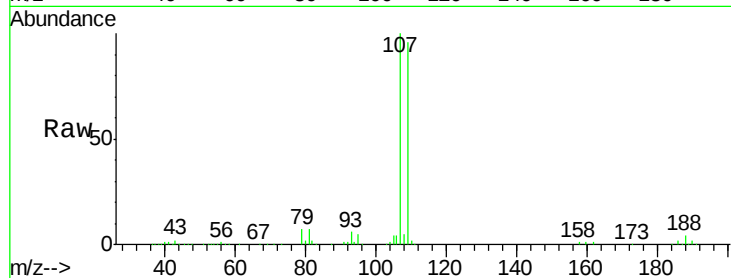
VSTDCCC050

Tot Ion:107 Resp: 121472

Ion Ratio Lower Upper

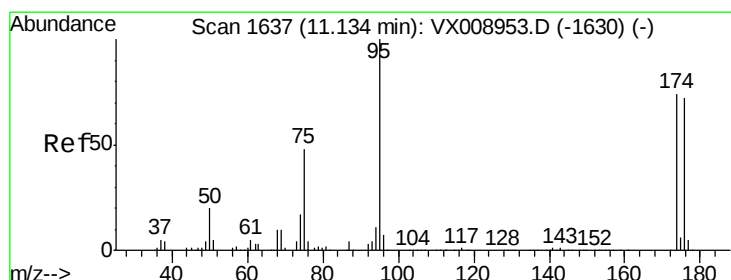
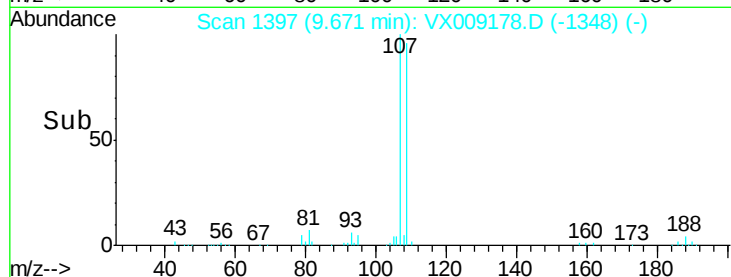
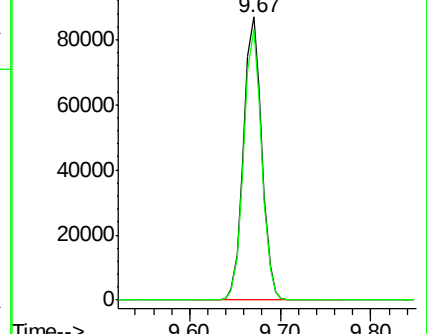
107 100

109 94.6 74.4 111.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.214 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009178.D

Acq: 26 Apr 2019 10:23

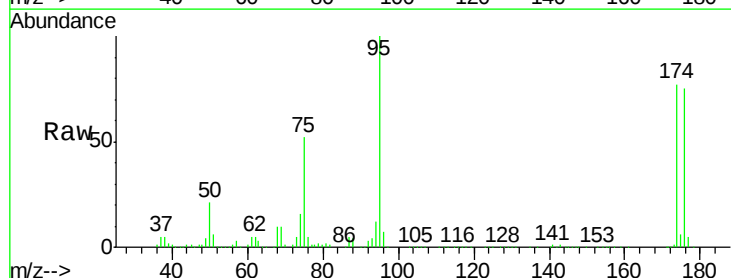
Tgt Ion: 95 Resp: 137897

Ion Ratio Lower Upper

95 100

174 80.1 0.0 159.6

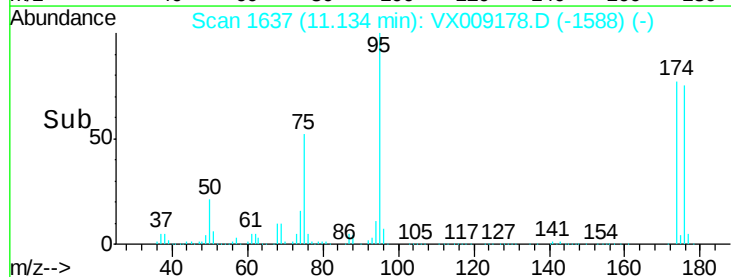
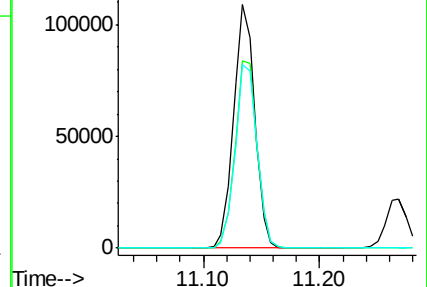
176 78.3 0.0 154.8

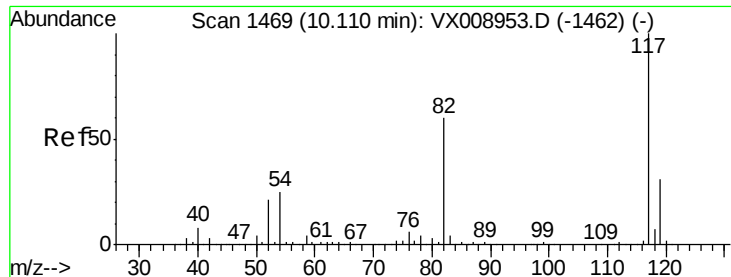


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

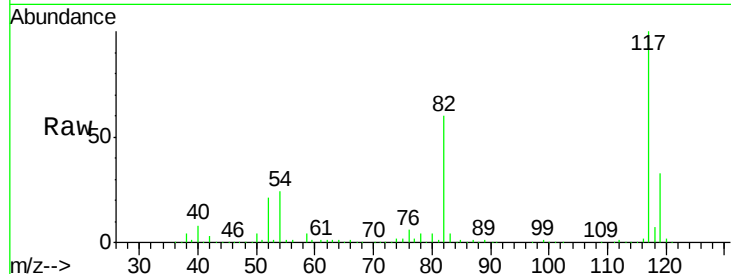




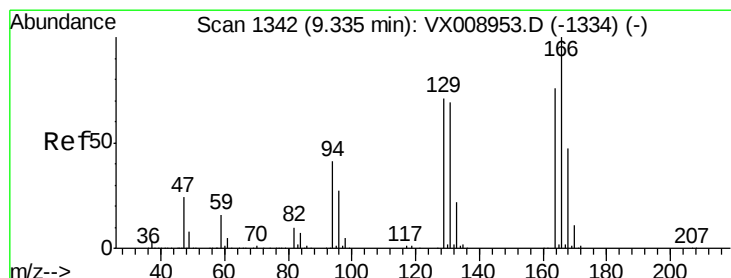
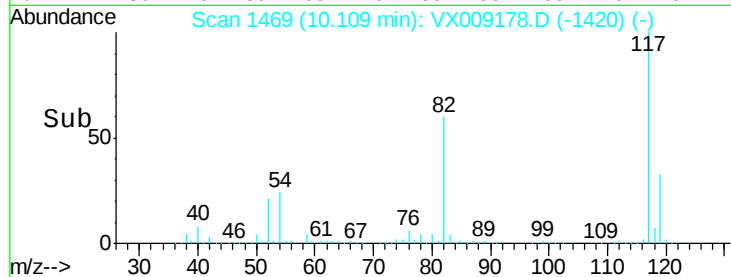
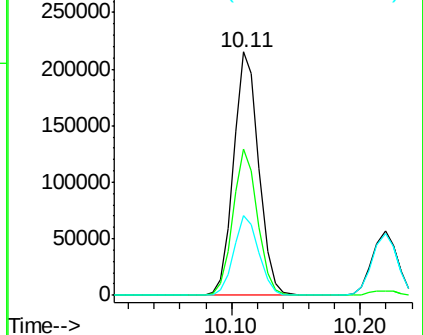
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009178.D
Acq: 26 Apr 2019 10:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:117 Resp: 292587
Ion Ratio Lower Upper
117 100
82 60.1 48.2 72.4
119 32.7 25.0 37.6

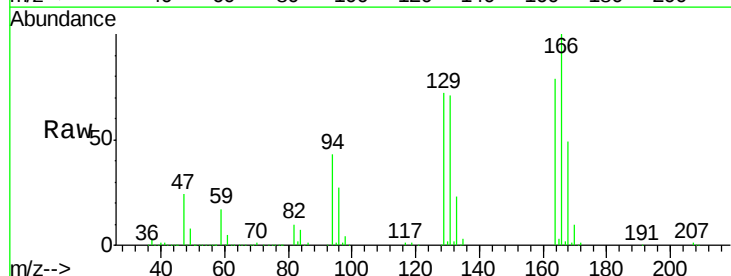


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

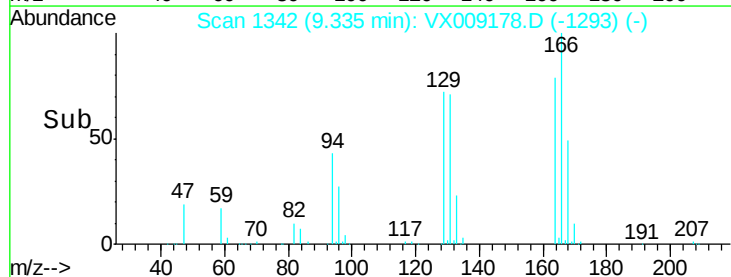
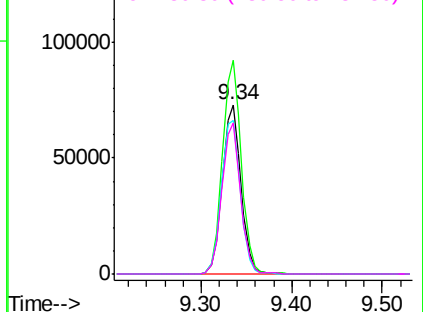


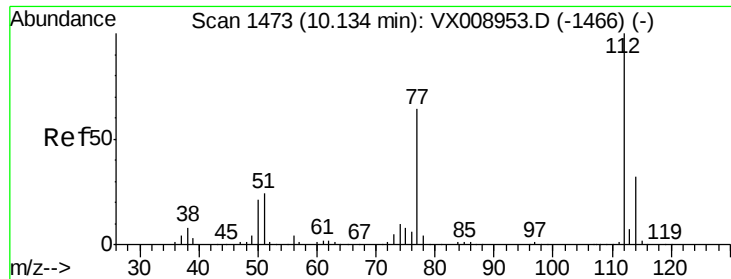
#64
Tetrachloroethene
Concen: 47.396 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX009178.D
Acq: 26 Apr 2019 10:23

Tgt Ion:164 Resp: 105349
Ion Ratio Lower Upper
164 100
166 126.1 105.0 157.4
129 90.9 74.2 111.4
131 89.4 72.2 108.2



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

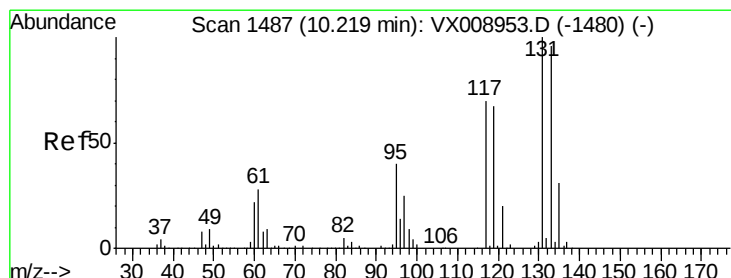
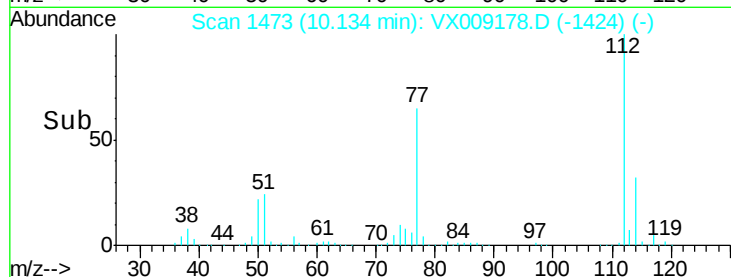
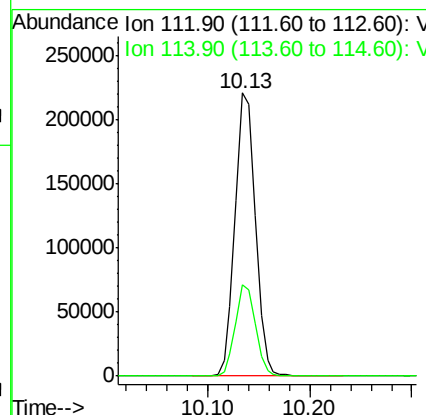
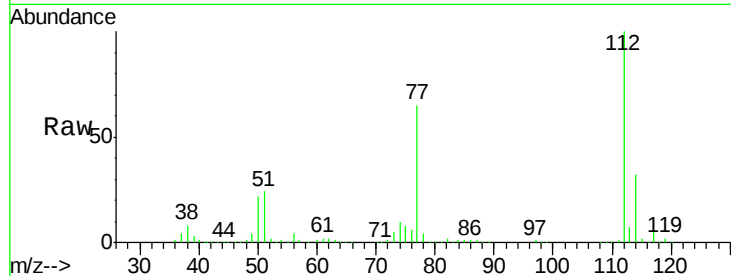




#65
Chlorobenzene
Concen: 49.200 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX009178.D
Acq: 26 Apr 2019 10:23

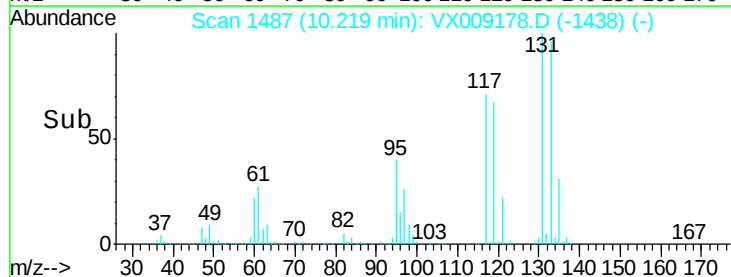
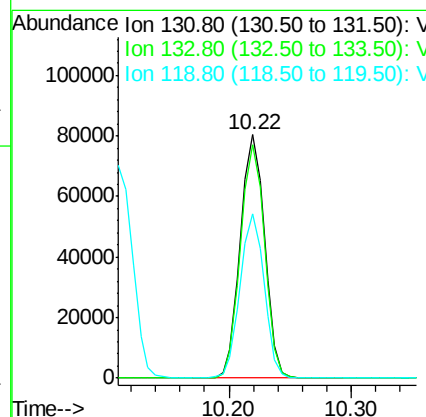
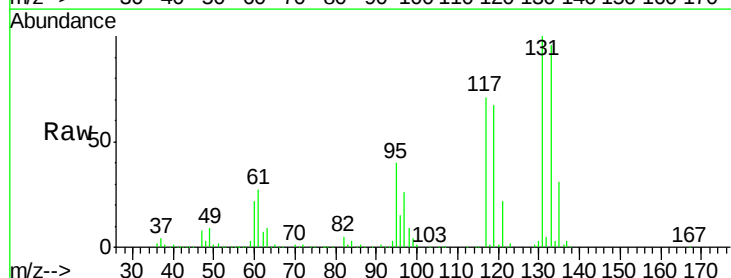
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

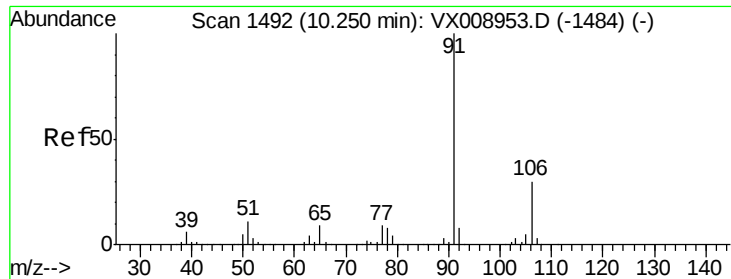
Tot Ion:112 Resp: 303849
Ion Ratio Lower Upper
112 100
114 32.3 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 50.805 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX009178.D
Acq: 26 Apr 2019 10:23

Tgt Ion:131 Resp: 110532
Ion Ratio Lower Upper
131 100
133 94.9 48.0 144.2
119 66.7 33.7 101.1





#67

Ethyl Benzene

Concen: 50.389 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX009178.D

Acq: 26 Apr 2019 10:23

Instrument :

MSVOA_X

ClientSampleId :

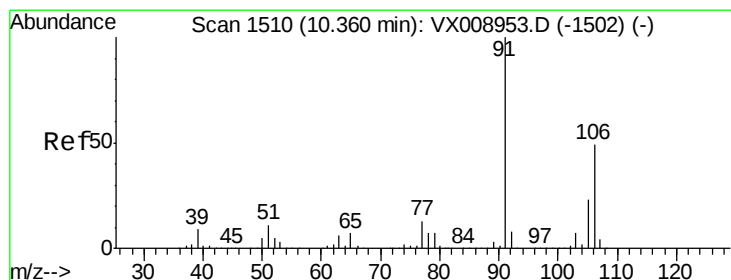
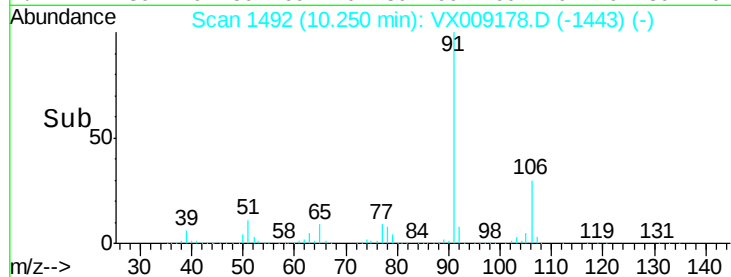
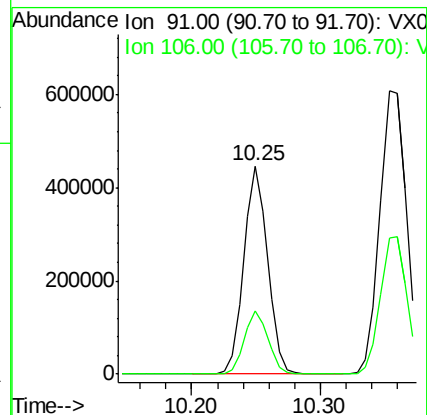
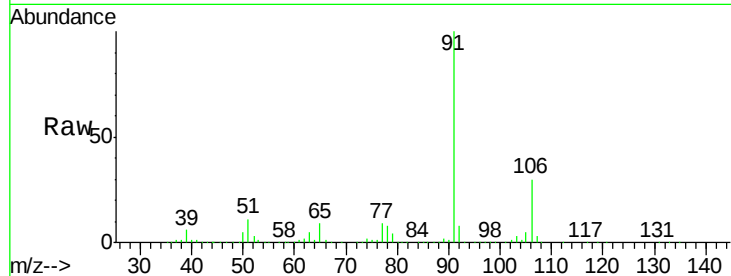
VSTDCCC050

Tot Ion: 91 Resp: 568863

Ion Ratio Lower Upper

91 100

106 30.2 24.3 36.5



#68

m/p-Xylenes

Concen: 101.742 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX009178.D

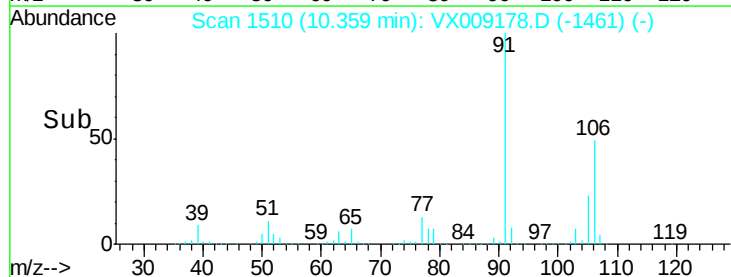
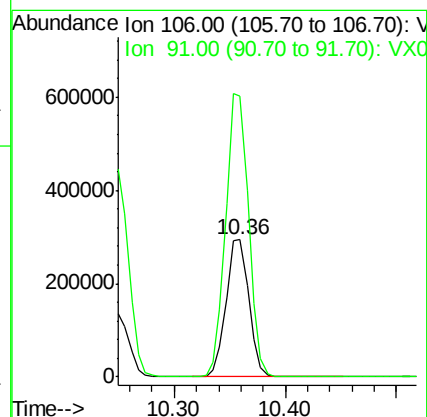
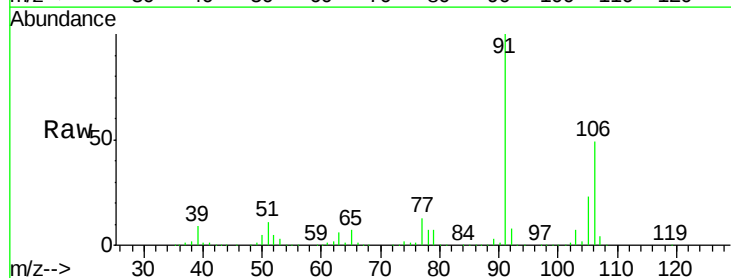
Acq: 26 Apr 2019 10:23

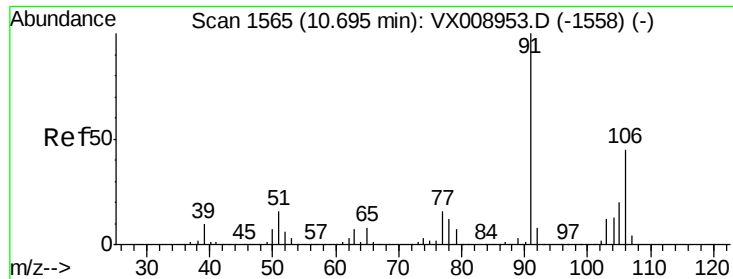
Tgt Ion: 106 Resp: 417436

Ion Ratio Lower Upper

106 100

91 207.3 165.4 248.2

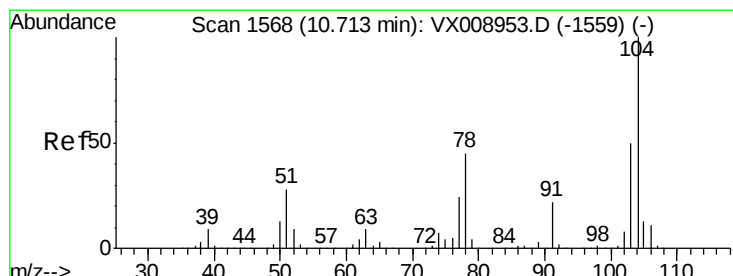
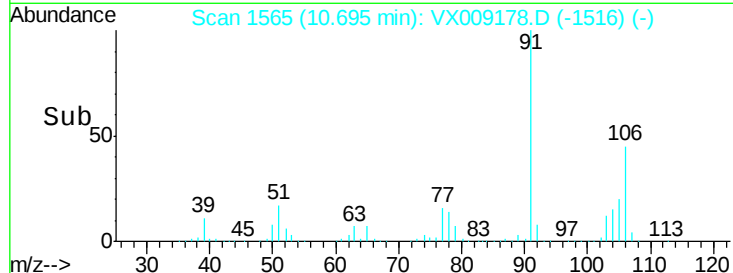
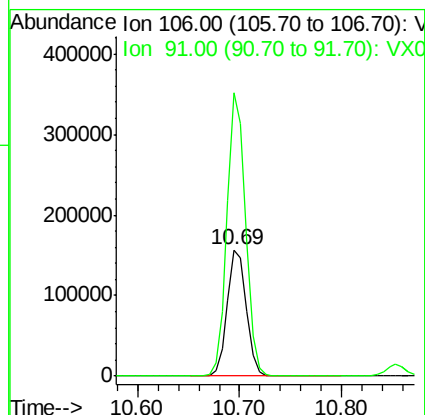
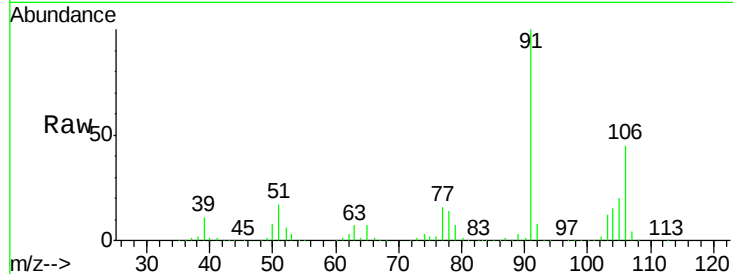




#69
o-Xylene
Concen: 50.661 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX009178.D
Acq: 26 Apr 2019 10:23

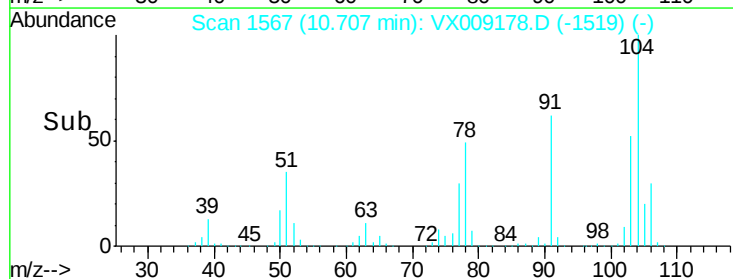
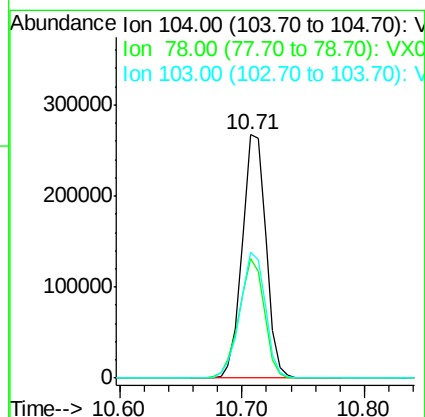
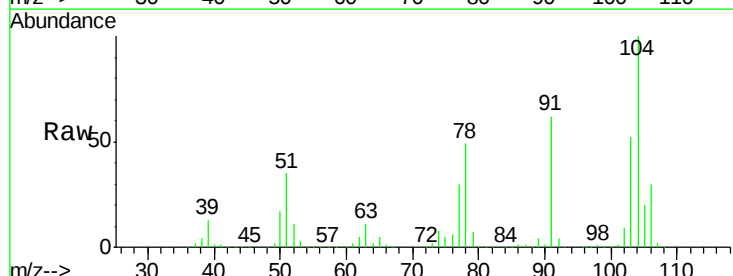
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

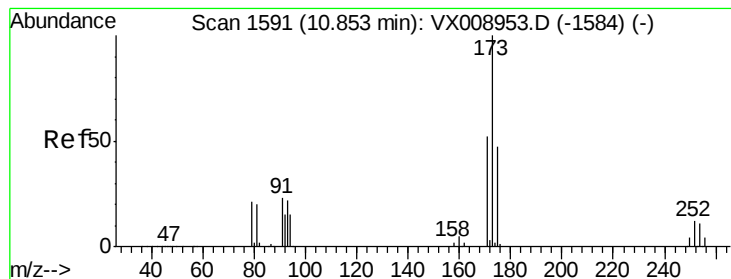
Tot Ion:106 Resp: 202245
Ion Ratio Lower Upper
106 100
91 219.5 108.9 326.7



#70
Styrene
Concen: 51.744 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX009178.D
Acq: 26 Apr 2019 10:23

Tgt Ion:104 Resp: 357969
Ion Ratio Lower Upper
104 100
78 52.0 41.2 61.8
103 55.3 43.9 65.9





#71

Bromoform

Concen: 51.657 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX009178.D

Acq: 26 Apr 2019 10:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

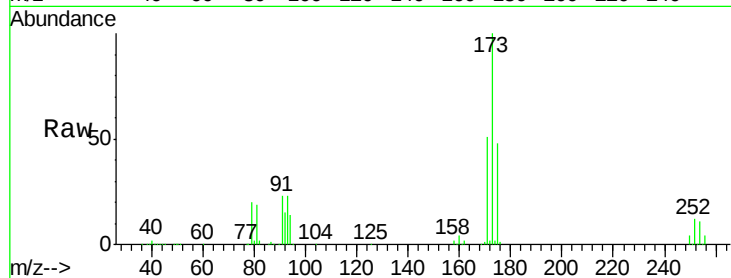
Tot Ion:173 Resp: 89537

Ion Ratio Lower Upper

173 100

175 49.2 23.9 71.8

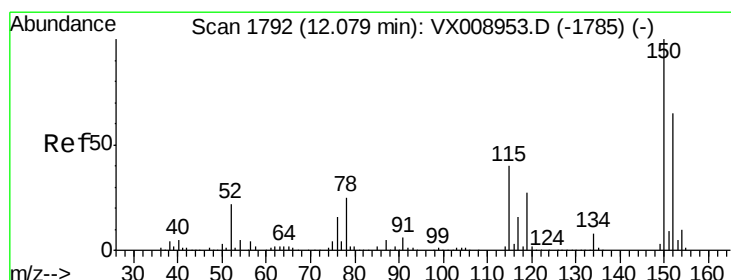
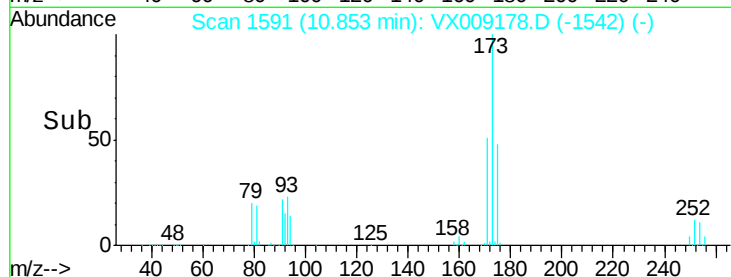
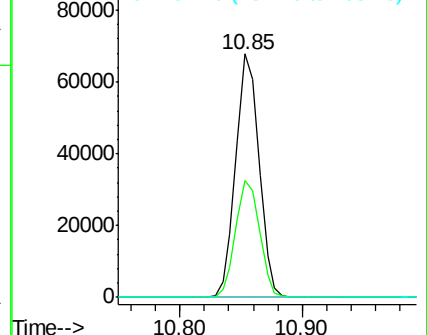
254 0.2 0.2 0.4#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX009178.D

Acq: 26 Apr 2019 10:23

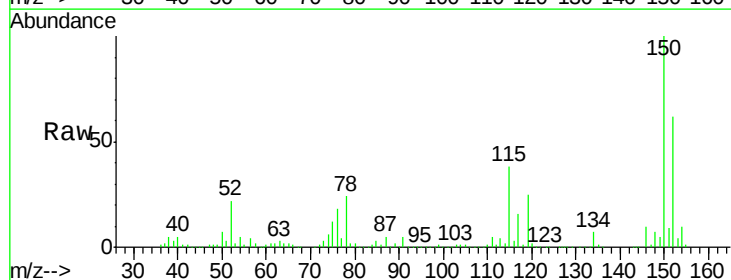
Tgt Ion:152 Resp: 145030

Ion Ratio Lower Upper

152 100

115 84.7 41.4 124.2

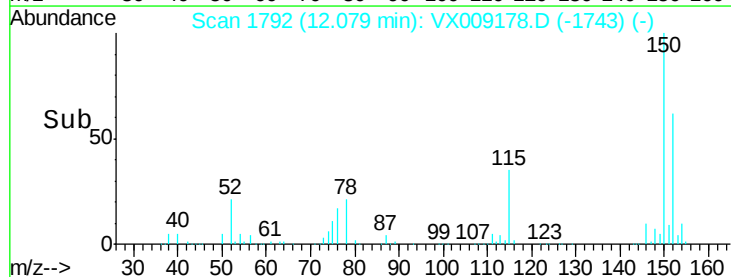
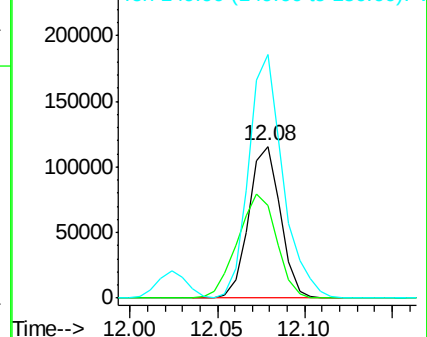
150 174.0 0.0 349.8

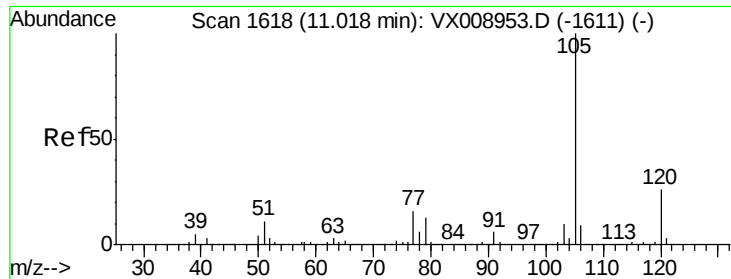


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

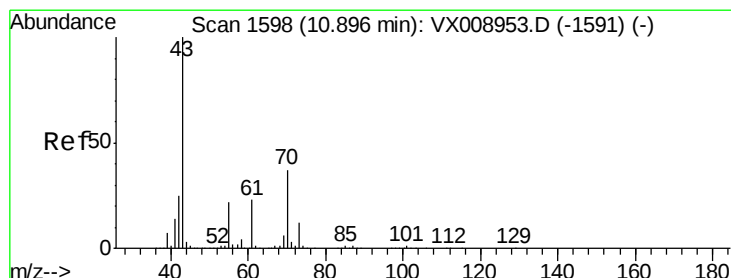
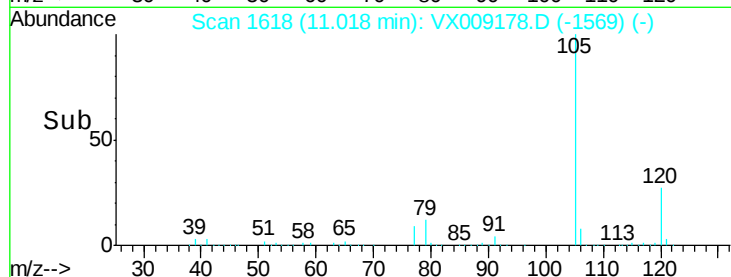
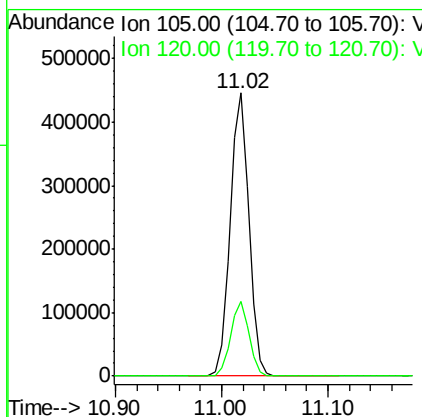
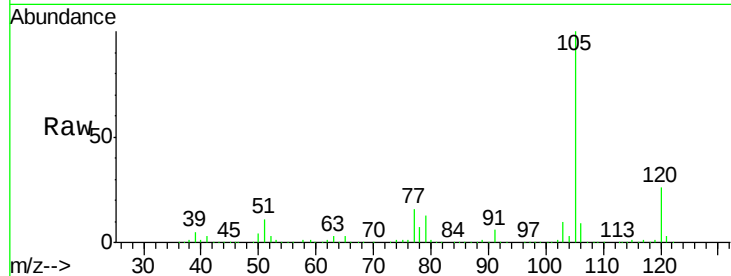




#73
Isopropylbenzene
Concen: 50.007 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX009178.D
Acq: 26 Apr 2019 10:23

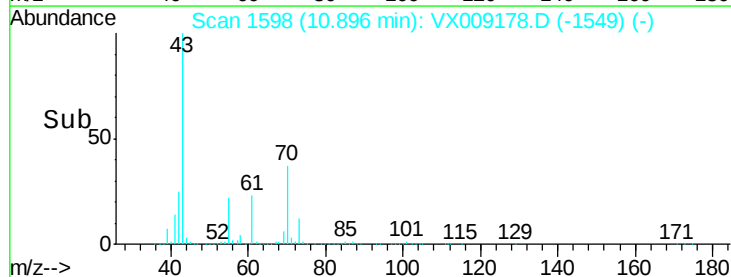
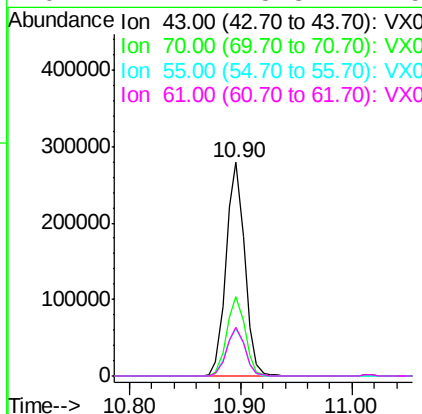
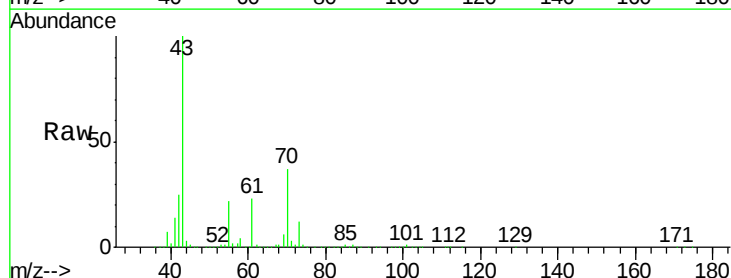
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

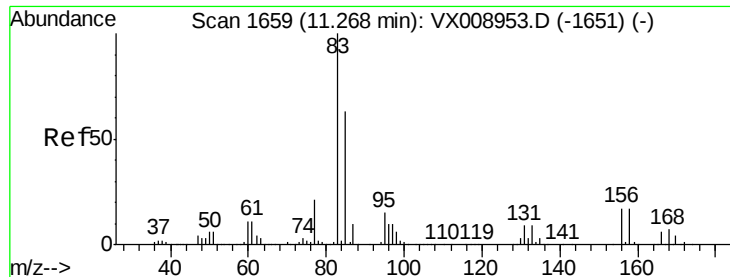
Tot Ion:105 Resp: 549733
Ion Ratio Lower Upper
105 100
120 25.9 12.9 38.7



#74
N-ethyl acetate
Concen: 51.020 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX009178.D
Acq: 26 Apr 2019 10:23

Tgt Ion: 43 Resp: 322039
Ion Ratio Lower Upper
43 100
70 37.0 29.9 44.9
55 22.4 17.8 26.8
61 22.7 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 48.385 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX009178.D

Acq: 26 Apr 2019 10:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

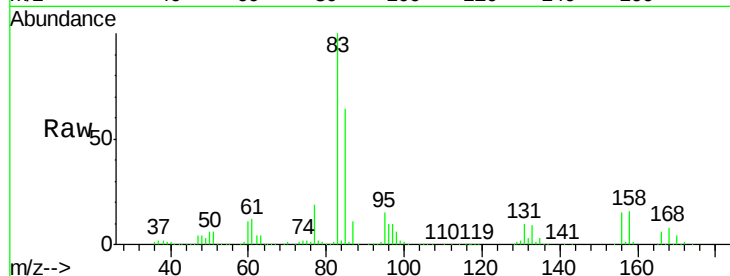
Tot Ion: 83 Resp: 194346

Ion Ratio Lower Upper

83 100

131 9.4 4.7 14.0

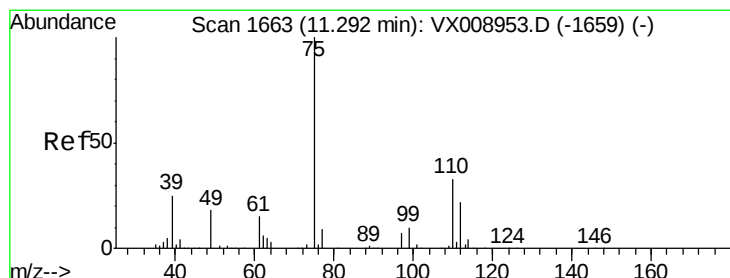
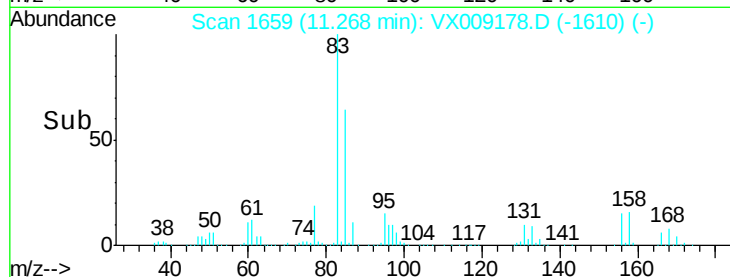
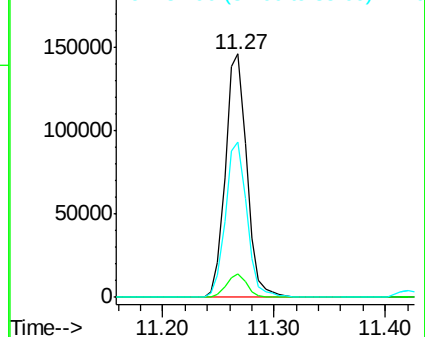
85 64.1 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 65.787 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX009178.D

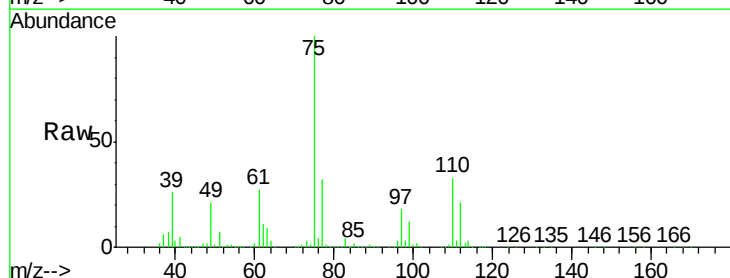
Acq: 26 Apr 2019 10:23

Tgt Ion: 75 Resp: 232973

Ion Ratio Lower Upper

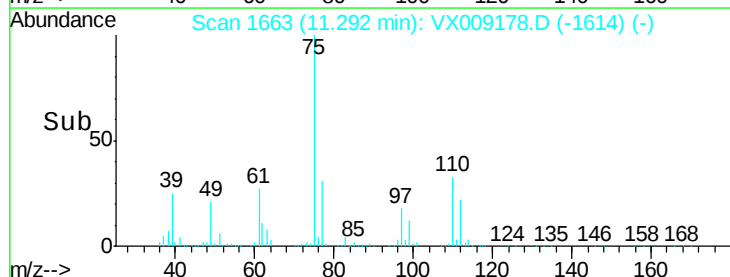
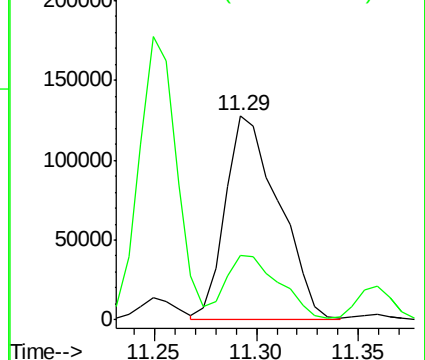
75 100

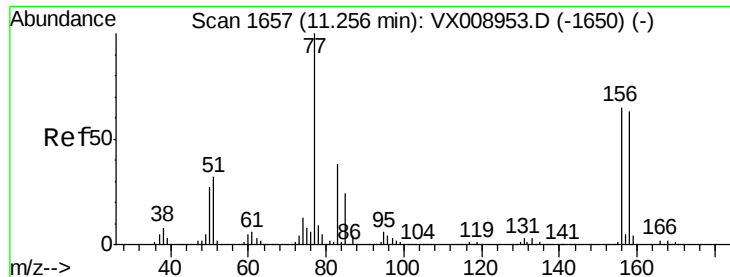
77 32.0 22.7 68.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 47.377 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX009178.D

Acq: 26 Apr 2019 10:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

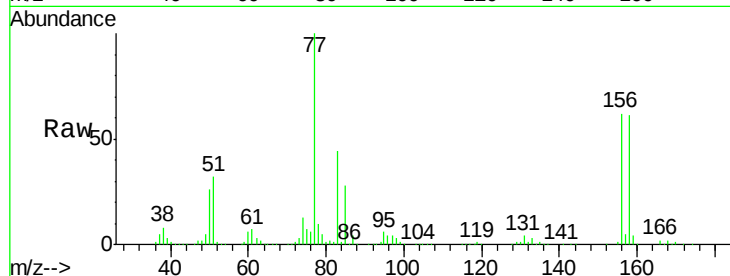
Tot Ion:156 Resp: 131407

Ion Ratio Lower Upper

156 100

77 172.3 85.4 256.1

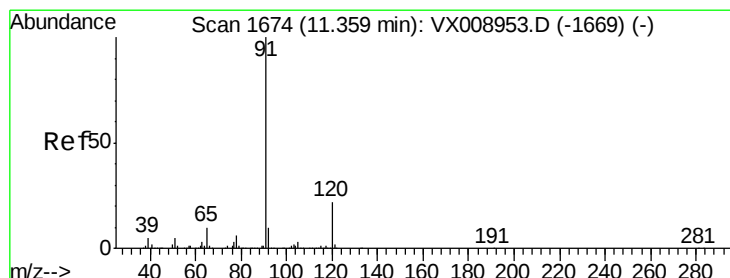
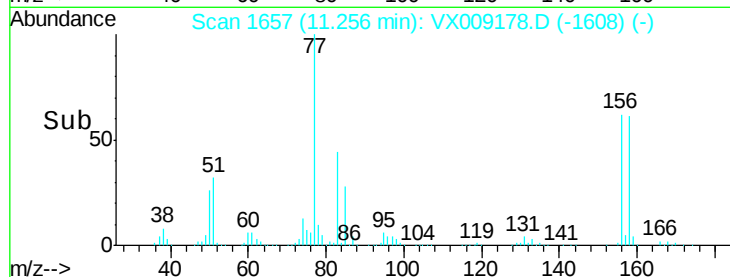
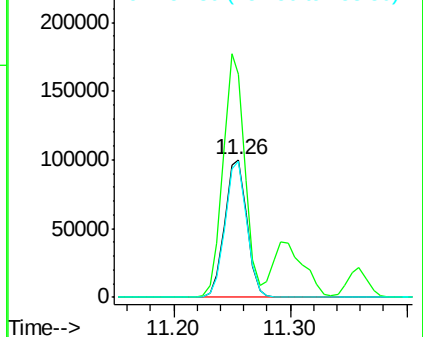
158 97.0 48.8 146.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.009 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX009178.D

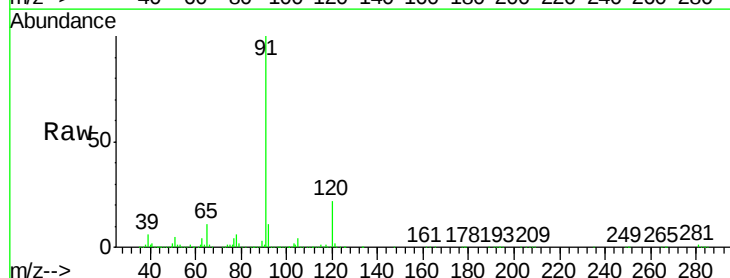
Acq: 26 Apr 2019 10:23

Tgt Ion: 91 Resp: 643613

Ion Ratio Lower Upper

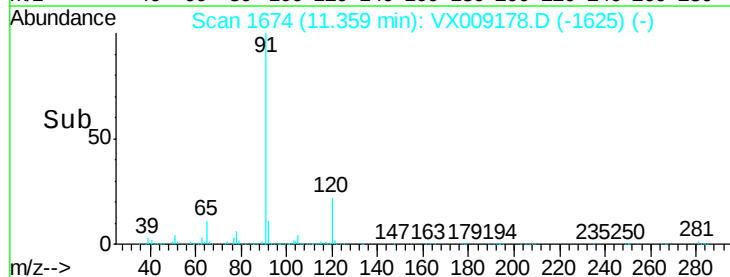
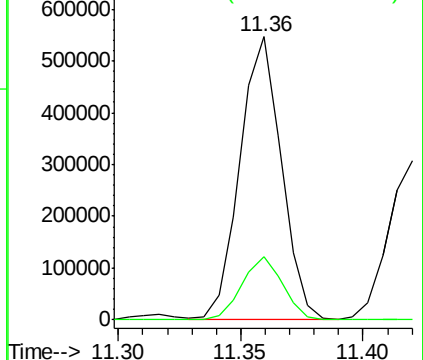
91 100

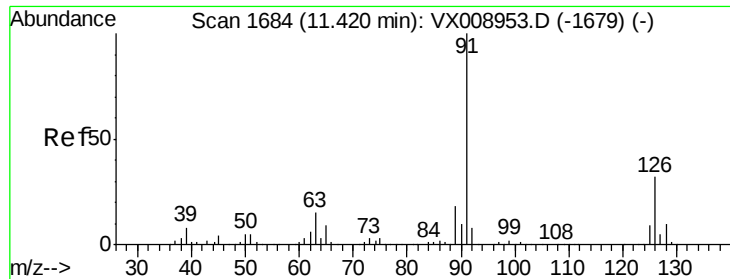
120 22.1 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

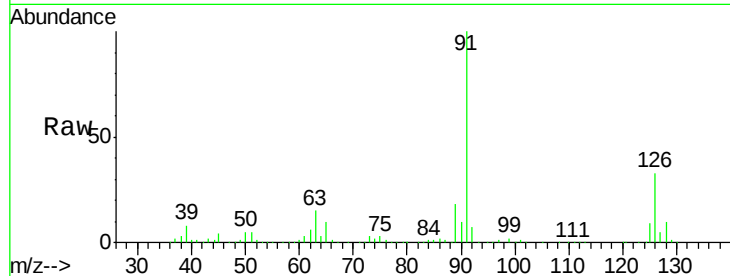




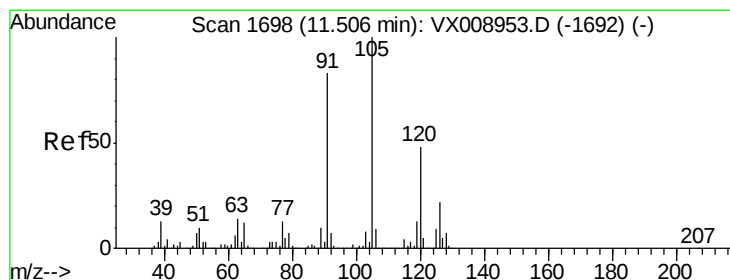
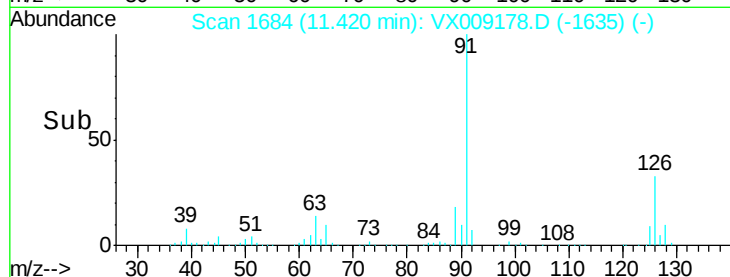
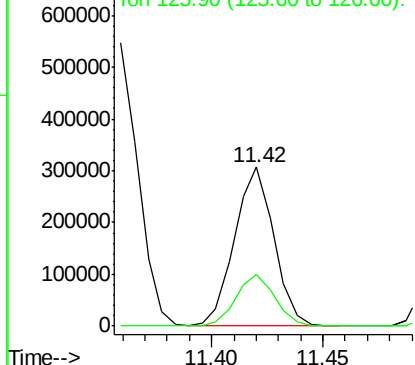
#79
2-Chlorotoluene
Concen: 49.584 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VX009178.D
Acq: 26 Apr 2019 10:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 377005
Ion Ratio Lower Upper
91 100
126 32.5 16.3 48.9

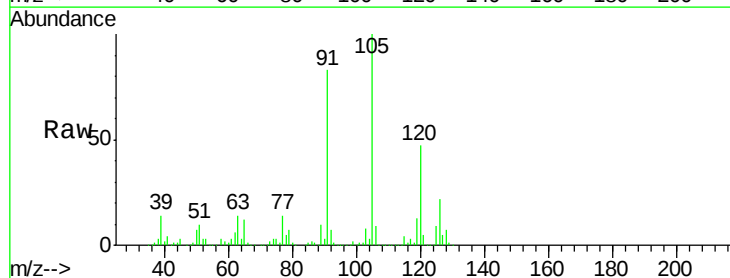


Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

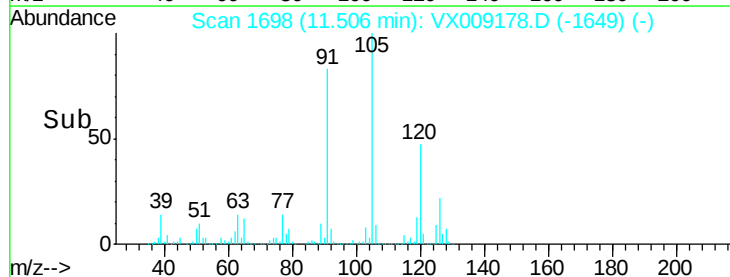
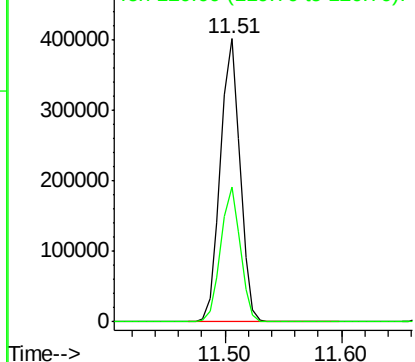


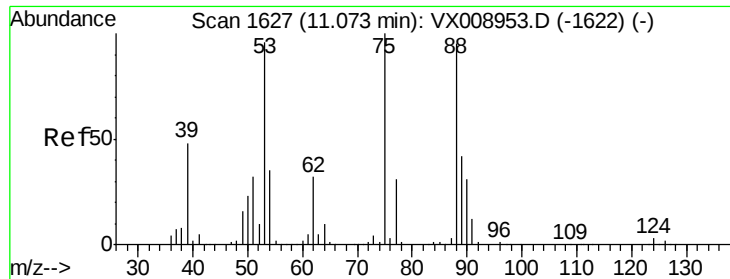
#80
1,3,5-Trimethylbenzene
Concen: 50.412 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX009178.D
Acq: 26 Apr 2019 10:23

Tgt Ion:105 Resp: 465048
Ion Ratio Lower Upper
105 100
120 47.6 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 49.580 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX009178.D

Acq: 26 Apr 2019 10:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

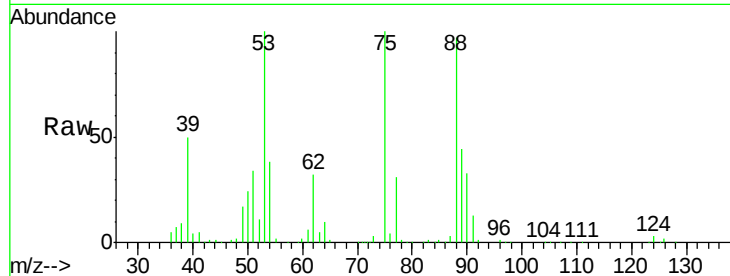
Tot Ion: 75 Resp: 68392

Ion Ratio Lower Upper

75 100

53 100.4 78.2 117.4

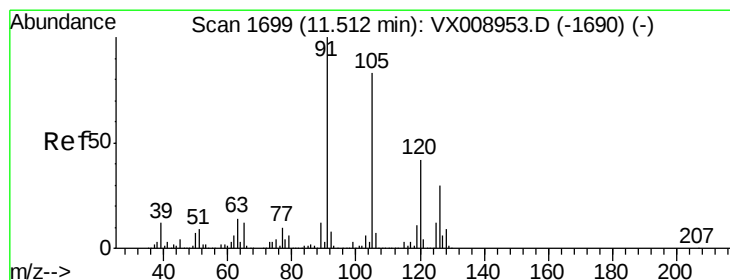
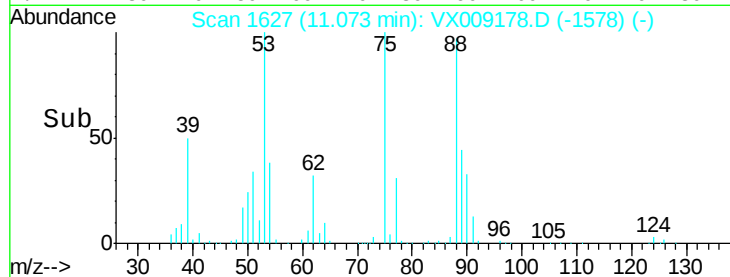
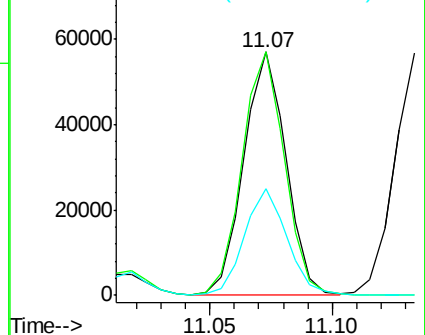
89 44.7 36.0 54.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 49.695 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX009178.D

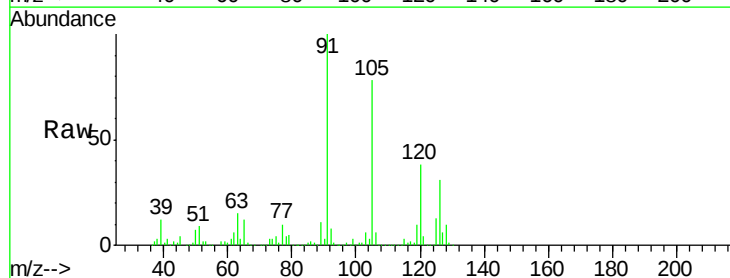
Acq: 26 Apr 2019 10:23

Tgt Ion: 91 Resp: 438829

Ion Ratio Lower Upper

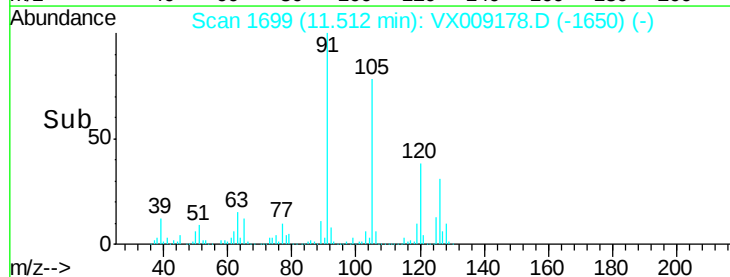
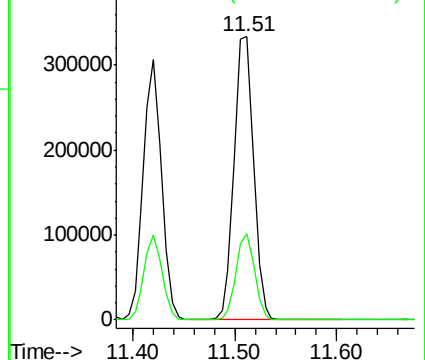
91 100

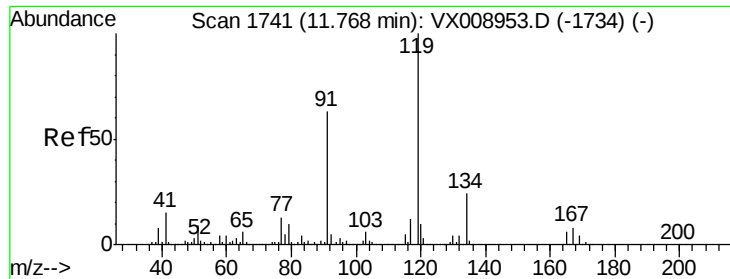
126 28.7 14.3 42.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

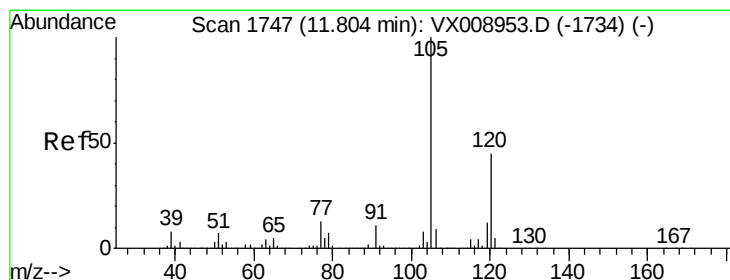
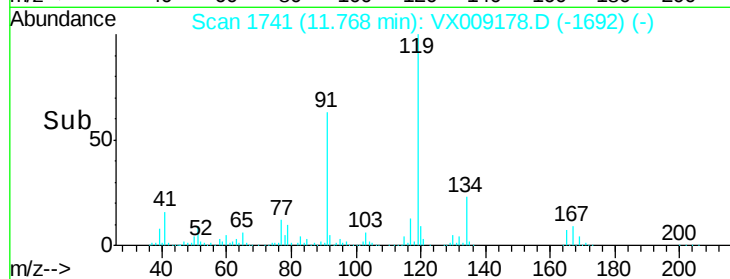
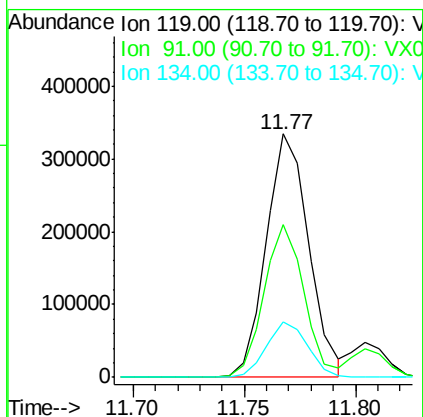
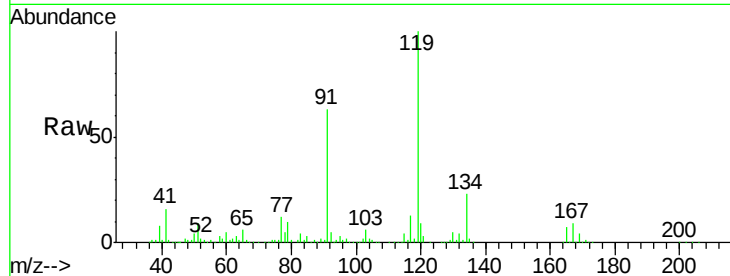




#83
 tert-Butylbenzene
 Concen: 49.978 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX009178.D
 Acq: 26 Apr 2019 10:23

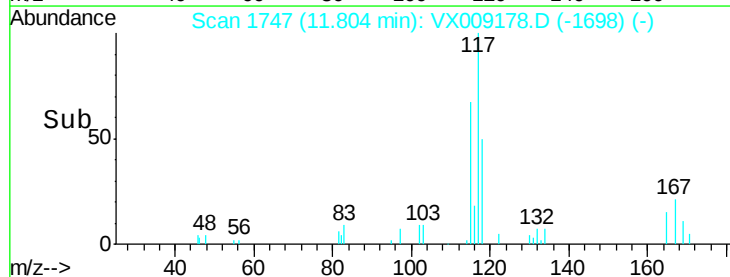
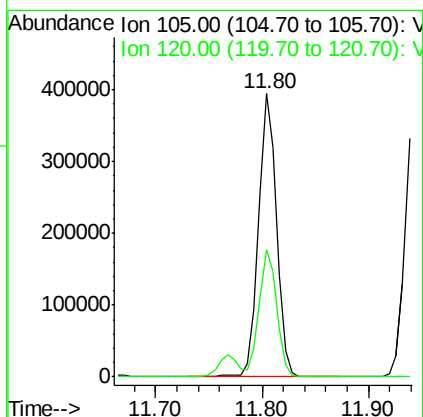
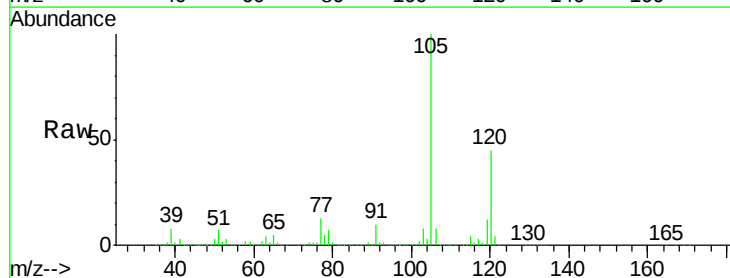
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

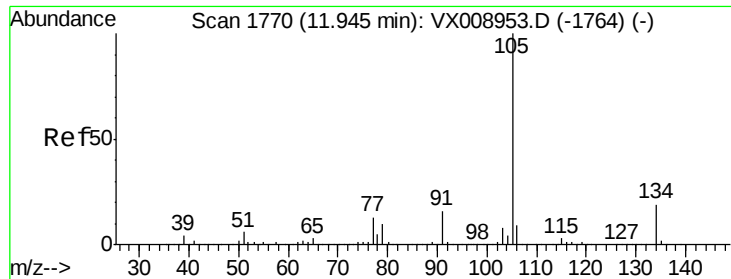
Tot Ion:119 Resp: 442645
 Ion Ratio Lower Upper
 119 100
 91 59.4 29.7 89.1
 134 22.3 11.2 33.5



#84
 1,2,4-Trimethylbenzene
 Concen: 49.892 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX009178.D
 Acq: 26 Apr 2019 10:23

Tgt Ion:105 Resp: 468503
 Ion Ratio Lower Upper
 105 100
 120 44.0 21.9 65.8





#85

sec-Butylbenzene

Concen: 51.109 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX009178.D

Acq: 26 Apr 2019 10:23

Instrument :

MSVOA_X

ClientSampleId :

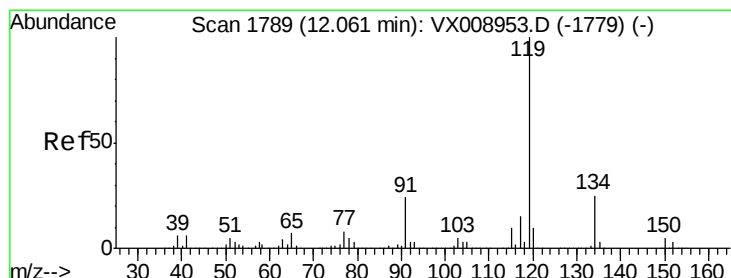
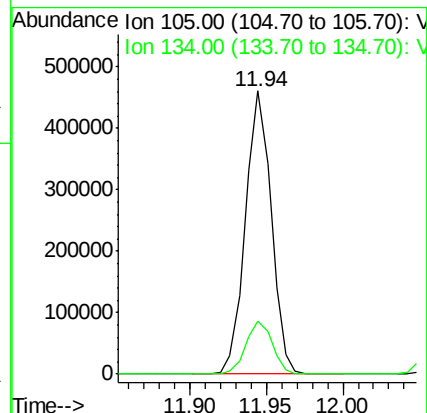
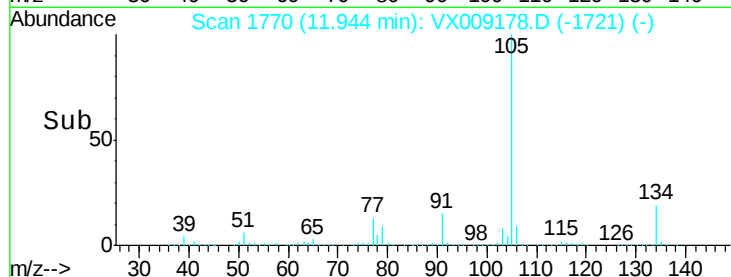
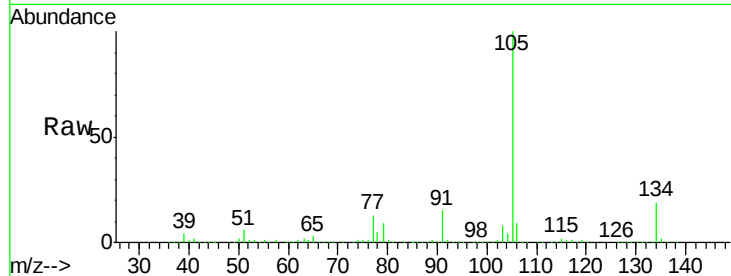
VSTDCCC050

Tot Ion:105 Resp: 539875

Ion Ratio Lower Upper

105 100

134 19.4 9.6 28.6



#86

p-Isopropyltoluene

Concen: 51.014 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX009178.D

Acq: 26 Apr 2019 10:23

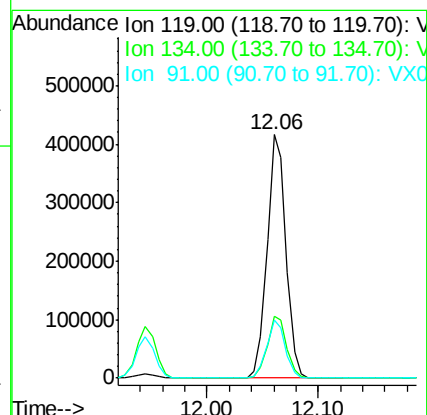
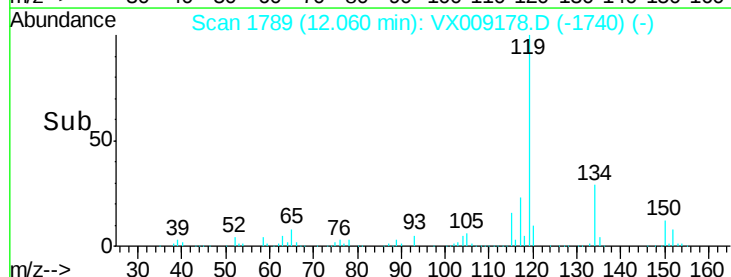
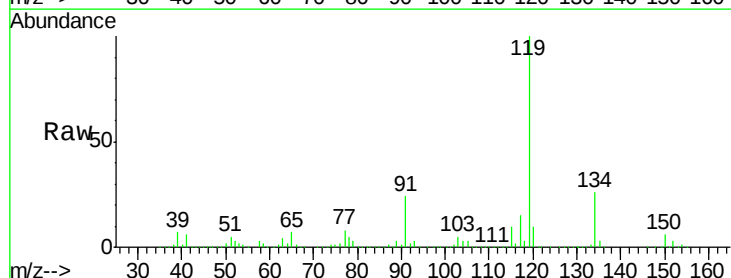
Tgt Ion:119 Resp: 495429

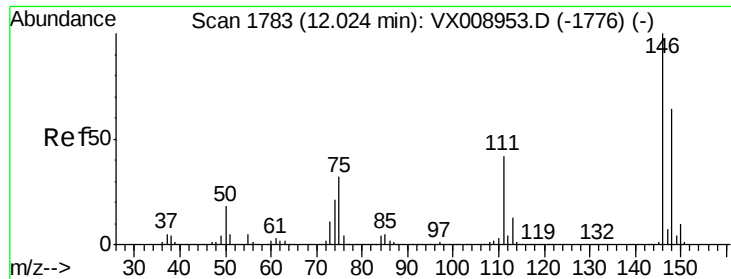
Ion Ratio Lower Upper

119 100

134 25.9 12.9 38.6

91 23.6 11.9 35.5

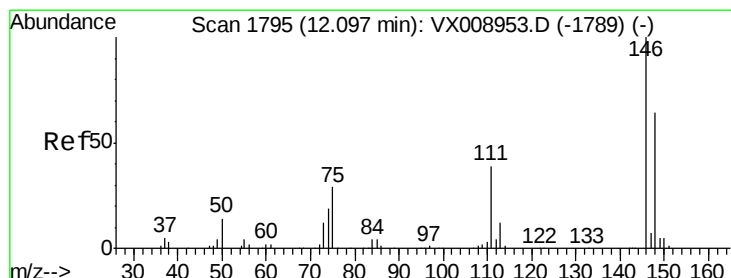
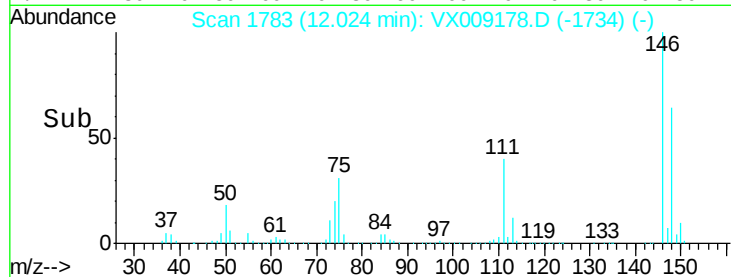
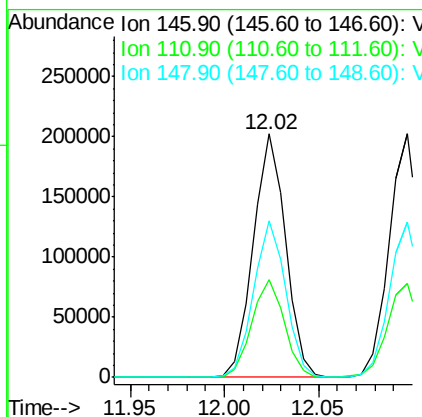
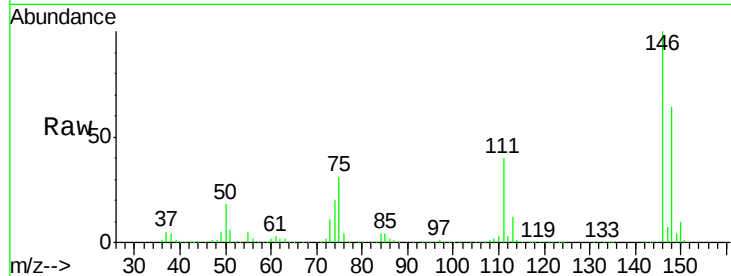




#87
 1,3-Dichlorobenzene
 Concen: 49.632 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX009178.D
 Acq: 26 Apr 2019 10:23

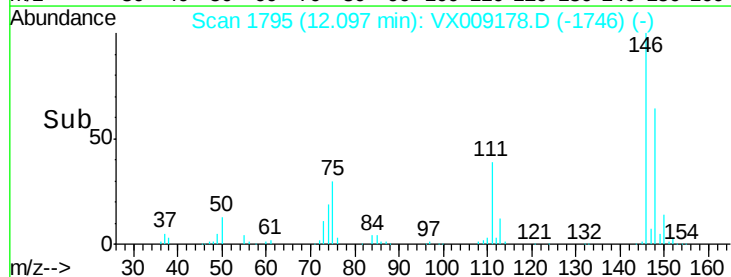
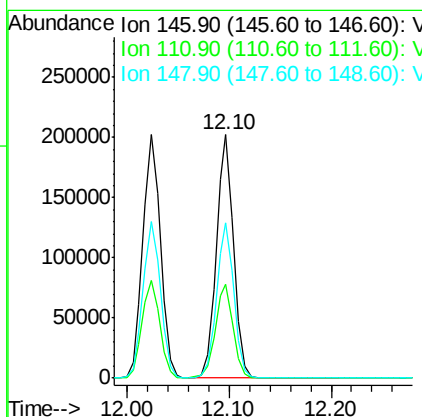
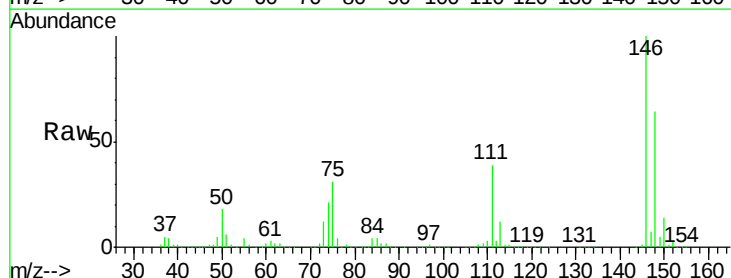
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

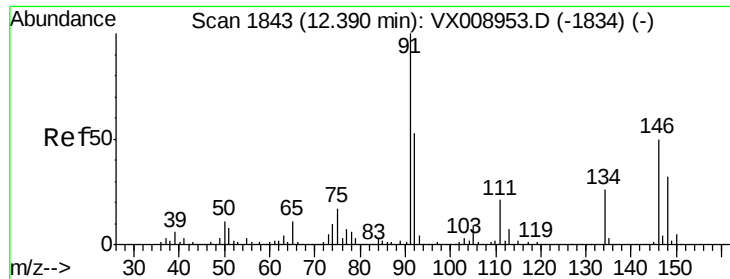
Tot Ion:146 Resp: 240939
 Ion Ratio Lower Upper
 146 100
 111 40.4 20.5 61.6
 148 63.8 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 48.903 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX009178.D
 Acq: 26 Apr 2019 10:23

Tgt Ion:146 Resp: 240652
 Ion Ratio Lower Upper
 146 100
 111 39.7 20.0 59.9
 148 64.6 32.2 96.6





#89

n-Butylbenzene

Concen: 51.698 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.01 min

Lab File: VX009178.D

Acq: 26 Apr 2019 10:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

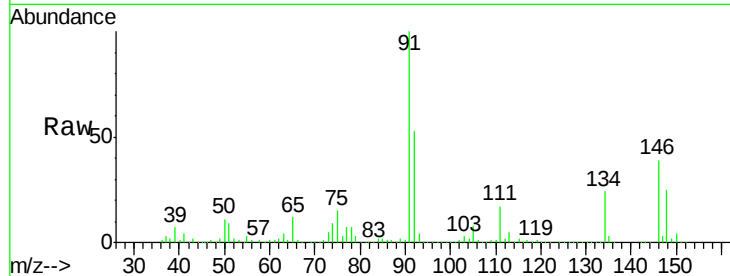
Tot Ion: 91 Resp: 467582

Ion Ratio Lower Upper

91 100

92 52.7 26.6 79.8

134 24.6 12.4 37.2

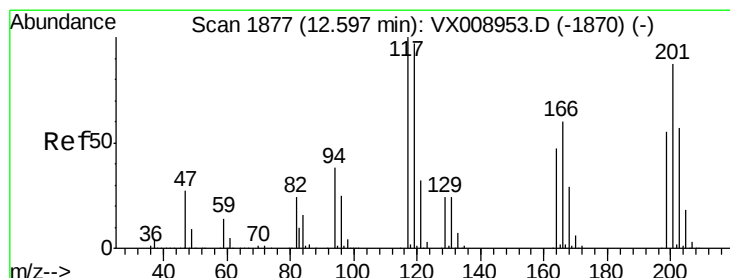
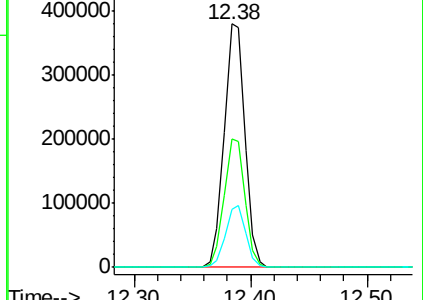
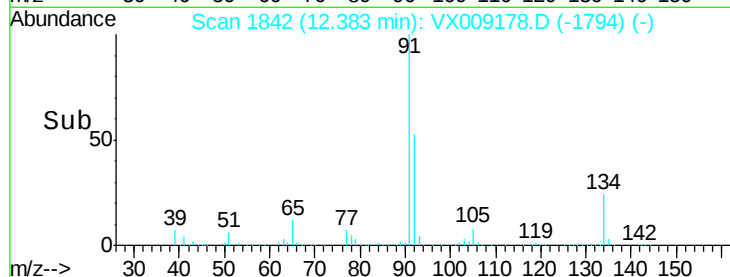


Abundance Ion 91.00 (90.70 to 91.70): VX008953.D (-1834) (-)

Ion 92.00 (91.70 to 92.70): VX008953.D (-1834) (-)

Ion 134.00 (133.70 to 134.70): VX008953.D (-1834) (-)

Time-->



#90

Hexachloroethane

Concen: 51.924 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX009178.D

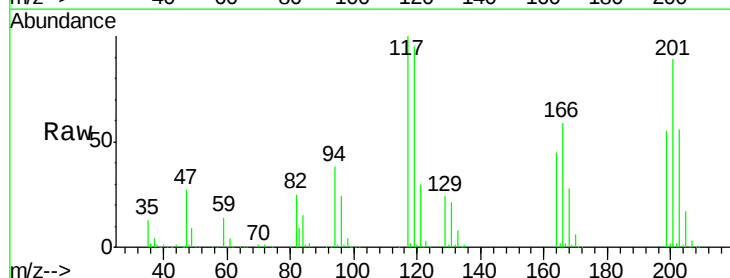
Acq: 26 Apr 2019 10:23

Tgt Ion: 117 Resp: 83180

Ion Ratio Lower Upper

117 100

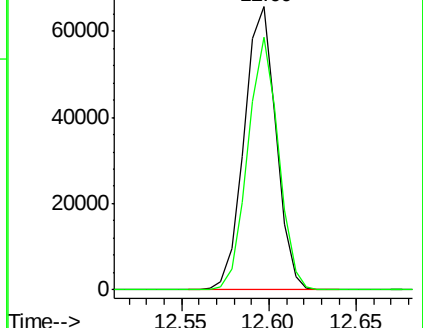
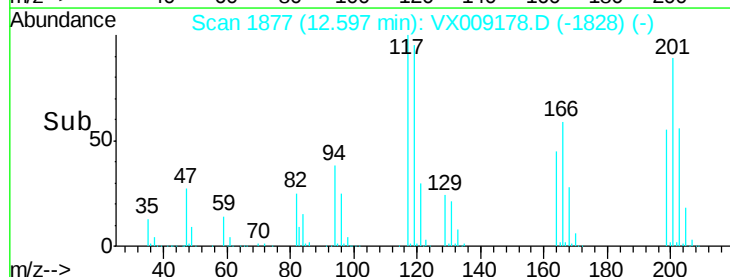
201 85.7 43.0 129.0

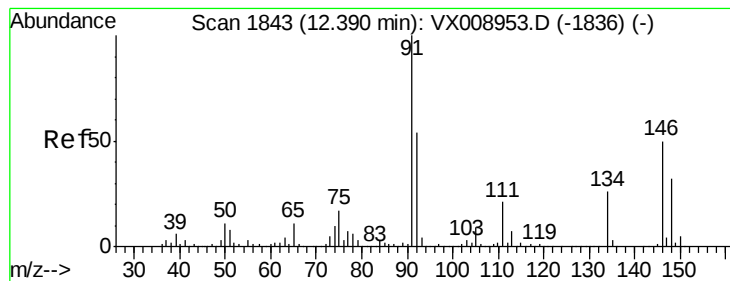


Abundance Ion 116.80 (116.50 to 117.50): VX008953.D (-1870) (-)

Ion 200.70 (200.40 to 201.40): VX008953.D (-1870) (-)

Time-->





#91

1,2-Dichlorobenzene

Concen: 50.420 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX009178.D

Acq: 26 Apr 2019 10:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

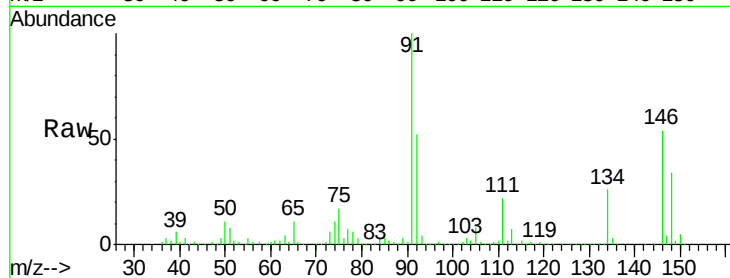
Tot Ion:146 Resp: 241698

Ion Ratio Lower Upper

146 100

111 41.5 20.6 61.9

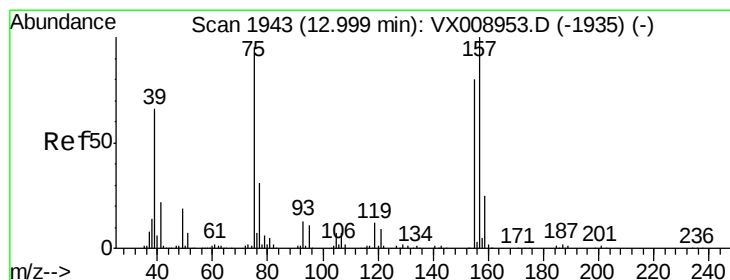
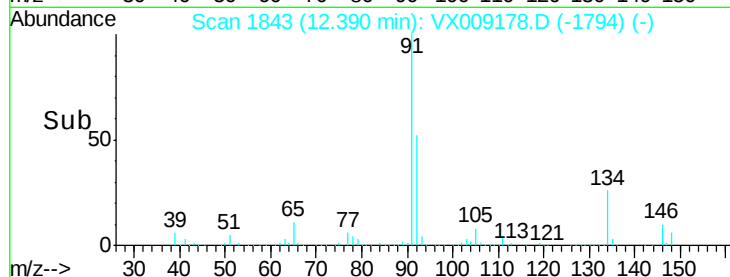
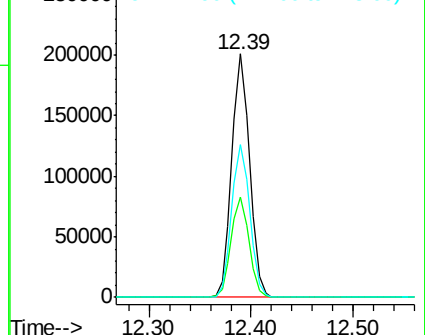
148 63.8 32.0 96.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.293 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX009178.D

Acq: 26 Apr 2019 10:23

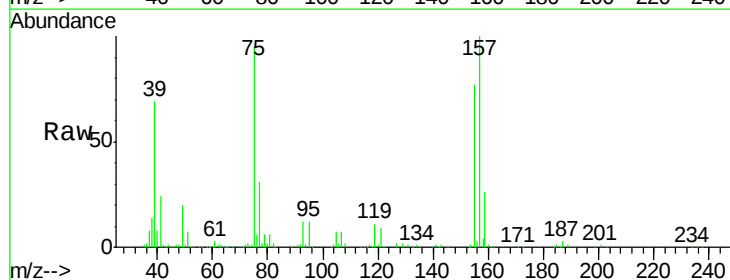
Tgt Ion: 75 Resp: 46909

Ion Ratio Lower Upper

75 100

155 82.0 41.2 123.6

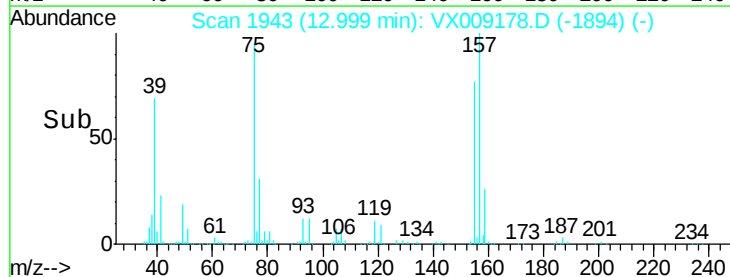
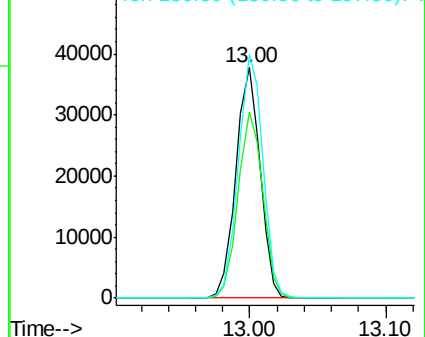
157 106.3 52.5 157.6

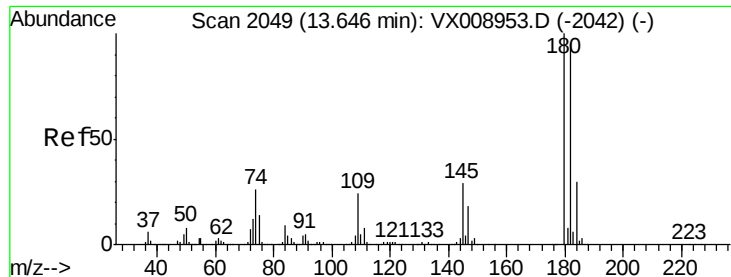


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

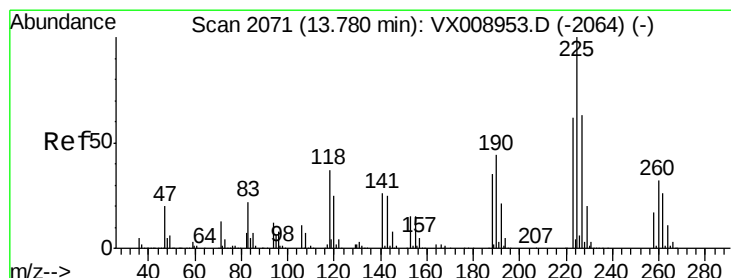
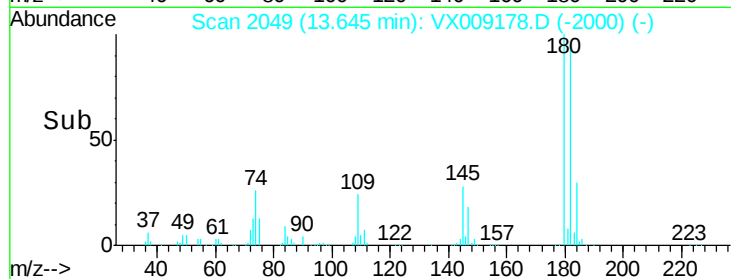
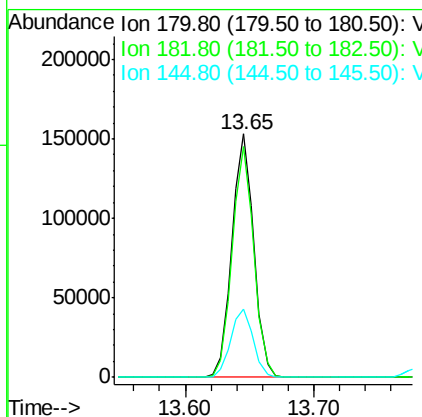
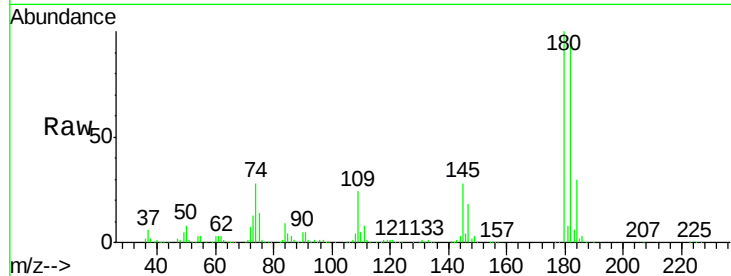




#93
 1,2,4-Trichlorobenzene
 Concen: 52.523 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX009178.D
 Acq: 26 Apr 2019 10:23

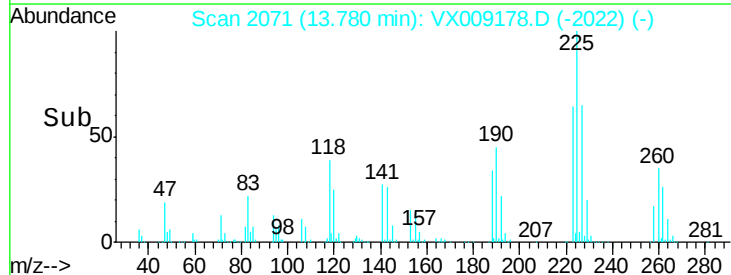
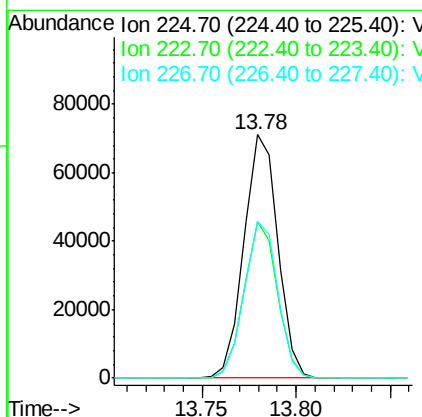
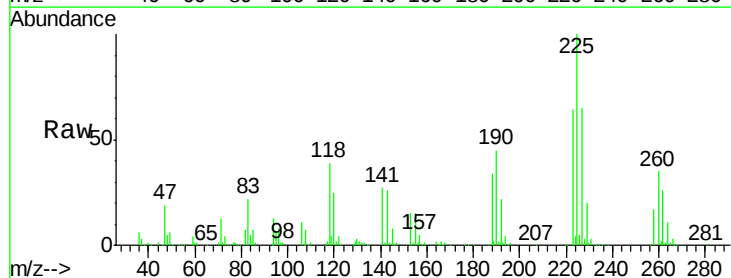
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

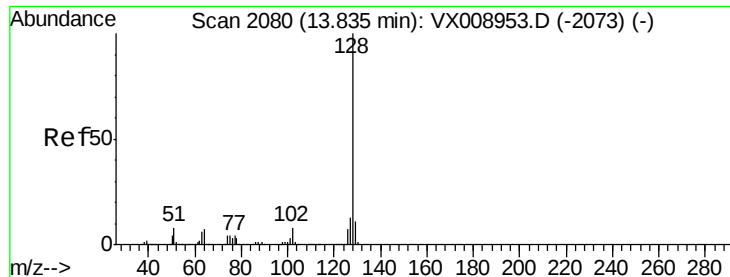
Tot Ion:180 Resp: 181751
 Ion Ratio Lower Upper
 180 100
 182 94.1 47.6 142.9
 145 28.9 14.8 44.4



#94
 Hexachlorobutadiene
 Concen: 51.553 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX009178.D
 Acq: 26 Apr 2019 10:23

Tgt Ion:225 Resp: 88974
 Ion Ratio Lower Upper
 225 100
 223 62.8 31.1 93.2
 227 63.8 32.0 96.2





#95

Naphthalene

Concen: 52.072 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX009178.D

Acq: 26 Apr 2019 10:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

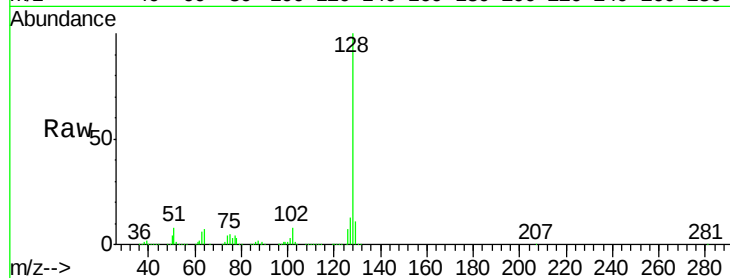
Tot Ion:128 Resp: 577298

Ion Ratio Lower Upper

128 100

127 13.0 10.6 16.0

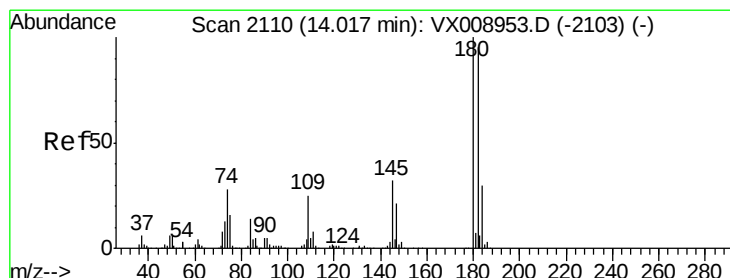
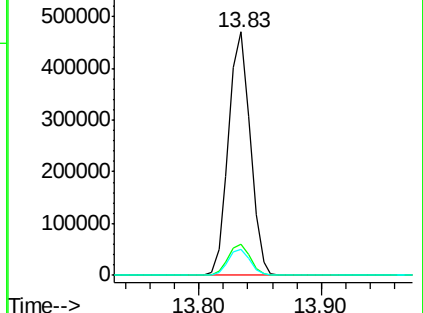
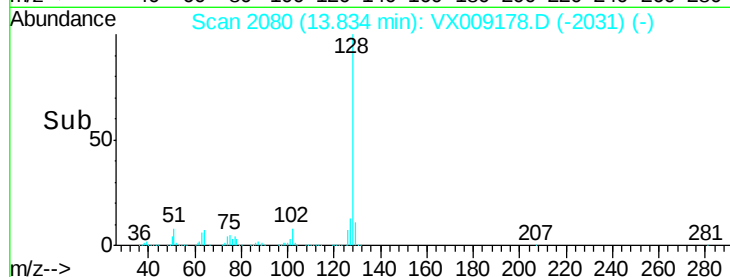
129 10.9 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 52.845 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX009178.D

Acq: 26 Apr 2019 10:23

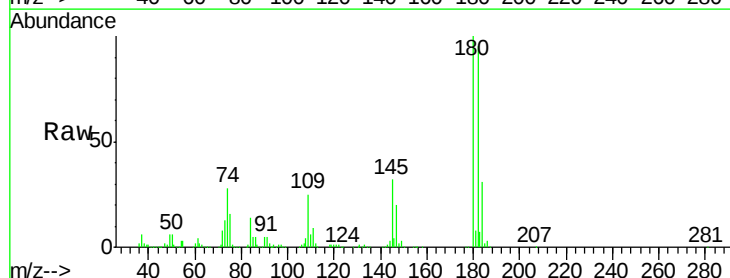
Tgt Ion:180 Resp: 180428

Ion Ratio Lower Upper

180 100

182 93.8 47.8 143.4

145 31.0 15.8 47.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

